



# STIC Search Report

EIC 1700

STIC Database Tracking Number: 186764

**TO:** Ben Sackey  
**Location:** REM 5B31  
**Art Unit :** 1626  
**April 27, 2006**

**Case Serial Number:** 10/736688

**From:** Kathleen Fuller  
**Location:** EIC 1700  
**REMSEN 4B28**  
**Phone:** 571/272-2505  
**Kathleen.Fuller@uspto.gov**

Search Notes

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: BEN SACKS Examiner #: 73489 Date: 4/24/06  
 Art Unit: 1622 Phone Number 302-0704 Serial Number:  
 Mail Box and Bldg/Room Location: LEM 331 Results Format Preferred (circle): PAPER DISK E-MAIL  
5B31

If more than one search is submitted, please prioritize searches in order of need.  
\*\*\*\*\*

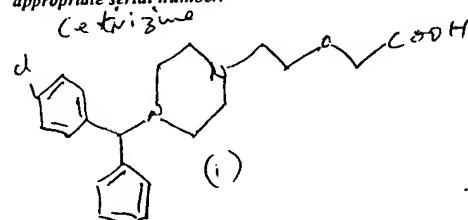
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Nitro Esters and Nitrates Salts of Specific Drugs

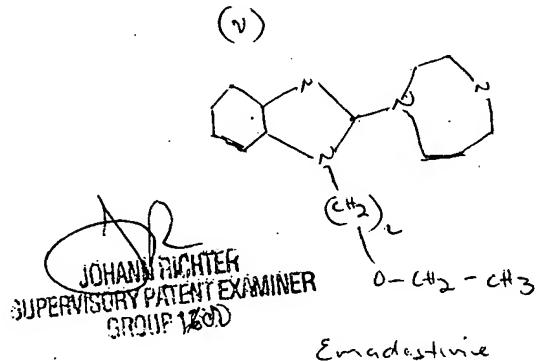
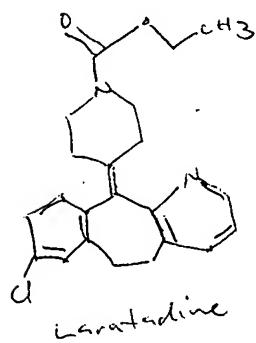
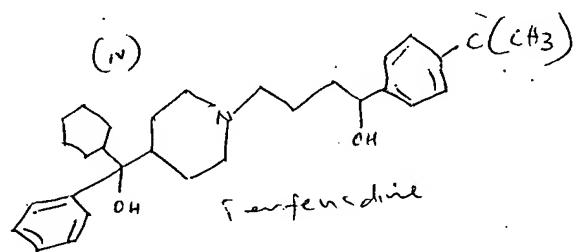
Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.



wherever both amine groups form an ionic bond with the nitrate anion (III)

\*\*\*\*\*  
STAFF USE ONLY

Searcher: X. Fuller  
 Searcher Phone #: \_\_\_\_\_  
 Searcher Location: \_\_\_\_\_  
 Date Searcher Picked Up: 5/26/06  
 Date Completed: 5/26/06  
 Searcher Prep & Review Time: 40  
 Clerical Prep Time: \_\_\_\_\_  
 Online Time: 41

## Type of Search

## Vendors and cost where applicable

NA Sequence (#)	STN	<input checked="" type="checkbox"/>
AA Sequence (#)	Dialog	_____
Structure (#)	4	Questel/Orbit
Bibliographic	Dr.Link	_____
Litigation	Lexis/Nexis	_____
Fulltext	Sequence Systems	_____
Patent Family	WWW/Internet	_____
Other	Other (specify)	_____



# STIC Search Results Feedback Form

EIC17000

Questions about the scope or the results of the search? Contact the EIC searcher or contact:

Kathleen Fuller, EIC 1700 Team Leader  
571/272-2505 REMSEN 4B28

## Voluntary Results Feedback Form

➤ I am an examiner in Workgroup:  Example: 1713

➤ Relevant prior art found, search results used as follows:

- 102 rejection
- 103 rejection
- Cited as being of interest.
- Helped examiner better understand the invention.
- Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- Foreign Patent(s)
- Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art not found:

- Results verified the lack of relevant prior art (helped determine patentability).
- Results were not useful in determining patentability or understanding the invention.

Comments:

=> FILE REG  
FILE 'REGISTRY' ENTERED AT 17:01:10 ON 26 APR 2006  
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 25 APR 2006 HIGHEST RN 881879-55-6  
DICTIONARY FILE UPDATES: 25 APR 2006 HIGHEST RN 881879-55-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

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\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> FILE HCAPLUS  
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FILE COVERS 1907 - 26 Apr 2006 VOL 144 ISS 18  
FILE LAST UPDATED: 25 Apr 2006 (20060425/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> D QUE

L3	1 SEA FILE=REGISTRY ABB=ON	LORATADINE/CN
L4	1 SEA FILE=REGISTRY ABB=ON	<u>CETIRIZINE/CN</u>
L5	1 SEA FILE=REGISTRY ABB=ON	TEREENADINE/CN
L9	27240 SEA FILE=REGISTRY ABB=ON	110.130.1/RID
L15	283 SEA FILE=REGISTRY ABB=ON	C17H26N4O/MF
L17	6 SEA FILE=REGISTRY ABB=ON	L9 AND L15
L18	4 SEA FILE=REGISTRY ABB=ON	L17 AND 333.401/RID
L20	2 SEA FILE=REGISTRY ABB=ON	L18 AND METHYL(W)1H — <i>emedastine</i>
L22	5 SEA FILE=REGISTRY ABB=ON	L3 OR L4 OR L5 OR L20
L23	17 SEA FILE=REGISTRY ABB=ON	87233-61-2/CRN
L24	12960 SEA FILE=REGISTRY ABB=ON	7697-37-2/CRN <i>HNO<sub>3</sub></i>
L26	11 SEA FILE=REGISTRY ABB=ON	79794-75-5/CRN
L27	14 SEA FILE=REGISTRY ABB=ON	83881-51-0/CRN
L28	37 SEA FILE=REGISTRY ABB=ON	50679-08-8/CRN
L29	5 SEA FILE=REGISTRY ABB=ON	L24 AND (L23 OR L26 OR L27 OR L28)
L31	2161 SEA FILE=HCAPLUS ABB=ON	L22
L32	3 SEA FILE=HCAPLUS ABB=ON	L31(L) THU/RL(L) (NITRIC OR NITRATE)
L33	4 SEA FILE=HCAPLUS ABB=ON	L29
L34	4 SEA FILE=HCAPLUS ABB=ON	L33(L) THU/RL
L36	31 SEA FILE=HCAPLUS ABB=ON	L31(L) THU/RL AND (NITRIC OR NITRATE)
L37	5 SEA FILE=HCAPLUS ABB=ON	L31(L) (NITRIC OR NITRATE)
L38	22 SEA FILE=HCAPLUS ABB=ON	L36 AND PHARMACE?/SC, SX
L39	<u>31</u> SEA FILE=HCAPLUS ABB=ON	L32 OR L34 OR L37 OR L38

*Therapeutic use of the  
compounds or nitrate salts*

=> D L39 BIB ABS HITIND HITSTR 1-31

L39 ANSWER 1 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2006:226165 HCAPLUS  
 DN 144:304882  
 TI Onset of action of a topical antihistamine as assessed by histamine challenge-induced plasma exudation responses  
 AU Korsgren, Magnus; Andersson, Morgan; Larsson, Lars; Alden-Raboisson, Marie; Greiff, Lennart  
 CS Department of Clinical Pharmacology, Lund University Hospital, Lund, Swed.  
 SO Annals of Allergy, Asthma, & Immunology (2006), 96(2), 345-348  
 CODEN: ALAIF6; ISSN: 1081-1206  
 PB American College of Allergy, Asthma, & Immunology  
 DT Journal  
 LA English  
 AB Background: Although usually administered orally, antihistamines are available also for topical use in allergic rhinitis. Information on onset of action of these drugs is incomplete. Objective: To examine onset of action of topical cetirizine-dinitrate on plasma exudation evoked by repeated nasal histamine challenges. Methods: A liposome formulation of cetirizine-dinitrate (2.44 mg per nasal cavity) was delivered via a nasal spray device as 2 consecutive actuations per nasal cavity in a placebo-controlled design. The nasal mucosal surface was challenged and lavaged with a histamine solution (100 µg/mL) 5, 15, 25, and 55 min after each treatment. In addition, the mucosa was lavaged with saline before each treatment. The lavage fluid levels of α2-macroglobulin were measured as an index of mucosal exudation (luminal entry) of plasma. Results: Histamine produced significant increases in nasal lavage fluid levels of α2-macroglobulin at all observation points (5 through 55 min after treatment). Nasal cetirizine-dinitrate significantly inhibited this response at 5 and 15 min after treatment. Conclusions: The effect of

topical cetirizine-dinitrate, as established by histamine challenge-induced mucosal exudation of plasma, has an early onset (ie, within 5 to 10 min).

CC 1-9 (Pharmacology)

Section cross-reference(s): 63

IT 869359-93-3

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(liposome formulation of topical antihistamine cetirizine-dinitrate showed early onset effect on histamine challenge-induced mucosal plasma exudation, markedly inhibited  $\alpha$ 2-macroglobulin in nasal airways of healthy subjects)

IT 869359-93-3

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
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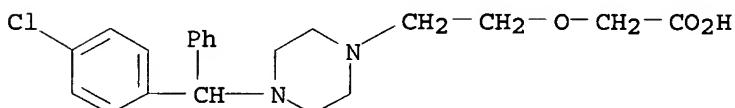
RN 869359-93-3 HCPLUS

CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]-, dinitrate (9CI) (CA INDEX NAME)

CM 1

CRN 83881-51-0

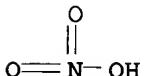
CMF C21 H25 Cl N2 O3



CM 2

CRN 7697-37-2

CMF H N O3



RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 2 OF 31 HCPLUS COPYRIGHT 2006 ACS on STN

AN 2006:123845 HCPLUS

DN 144:198906

TI Pharmaceutical formulations comprising pleconaril and a pharmaceutically active agent for treating respiratory tract diseases

IN Lithgow, Theodore L.; Medeiros, Paul T.; Ellway, Keith Anthony; Higgins, Thomas J.; Lorber, Richard R.; Malcolm, Bruce A.; Radwanski, Elaine; Staudinger, Heribert W.

PA USA

SO U.S. Pat. Appl. Publ., 12 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006030550	A1	20060209	US 2005-196745	20050803
	WO 2006017505	A2	20060216	WO 2005-US27428	20050803
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRAI US 2004-598618P P 20040804

AB The present invention is directed to formulations containing pleconaril either alone or in combination with one or more other pharmaceutically active ingredients in novel dosage forms and methods of using the same in treating upper or lower respiratory, viral, inflammatory, or obstructive airway disease. Specifically, the medicaments contains sep. or together (A) Pleconaril or a pharmaceutically acceptable salt thereof and (B) a pharmaceutically active agent including a corticosteroid, an antihistamine, an expectorant, an NSAID, a decongestant, an anticholinergic, an antibiotic, etc., for simultaneous, sequential or sep. administration in the treatment of a viral infection and/or other disease states and the symptoms associated therewith.

INCL 514171000; 514364000

CC 63-6 (Pharmaceuticals)

IT 50-02-2, Dexamethasone 50-33-9, Phenylbutazone, biological studies  
 50-78-2, Acetyl salicylic acid 50-81-7, Vitamin C, biological studies  
 50-98-6, Ephedrine hydrochloride 51-34-3, Scopolamine 53-86-1, Indomethacin 56-75-7, Chloramphenicol 57-62-5, Chlortetracycline 58-73-1, Diphenhydramine 59-87-0, Nitrofurazone 60-54-8, Tetracycline 60-87-7, Promethazine 61-33-6, biological studies 61-68-7, Mefenamic acid 61-76-7, Phenylephrine hydrochloride 63-42-3, Lactose 63-74-1, Sulfonamide 68-88-2, Hydroxyzine 77-19-0, Dicyclomine 79-57-2, Oxytetracycline 82-92-8, Cyclizine 84-96-8, Trimeprazine 86-13-5, Benztropine 86-22-6, Brompheniramine 90-82-4, Pseudoephedrine 91-81-6, Tripeleannamine 91-84-9, Pyrilamine 93-14-1, Guaifenesin 101-40-6, Propylhexedrine 103-90-2, Acetaminophen 113-92-8, Chlorpheniramine 114-07-8, Erythromycin 124-94-7, Triamcinolone 127-69-5, Sulfisoxazole 129-03-3, Cyproheptadine 134-72-5, Ephedrine sulfate 137-40-6, Sodium propionate 144-80-9, Sulfacetamide 144-82-1, Sulfamethizole 298-50-0, Propantheline 299-42-3, Ephedrine 469-21-6, Doxylamine 486-12-4, Triprolidine 486-16-8, Carbinoxamine 518-28-5D, Podophyllotoxin, derivs. 523-87-5, Dimenhydrinate 550-99-2, Naphazoline hydrochloride 569-65-3, Meclizine 638-23-3, Carbocisteine 1218-35-5, Xylometazoline hydrochloride 1321-14-8, Potassium guaicol sulfonate 1403-66-3, Gentamycin 1404-04-2, Neomycin 1405-87-4, Bacitracin 1405-97-6, Gramicidin 1406-05-9, Penicillin 1406-11-7, Polymyxin 1406-18-4, Vitamin E 2315-02-8, Oxymetazoline hydrochloride 2451-01-6, Terpin hydrate 3964-81-6, Azatadine 4419-39-0, Beclomethasone 5104-49-4, Flurbiprofen 5636-83-9, Dimethindene 5818-17-7, Methantheline 7440-66-6, Zinc, biological

studies 11111-12-9, Cephalosporin 13265-10-6, Methylscopolamine 13539-59-8, Azapropazone 13710-19-5, Tolfenamic acid 14484-47-0, Deflazacort 14838-15-4, Phenylpropanolamine 15307-86-5, Diclofenac 15686-51-8, Clemastine 15687-27-1, Ibuprofen 18683-91-5, Ambroxol 21256-18-8, Oxaprozin 22071-15-4, Ketoprofen 22204-53-1, Naproxen 22494-42-4, Diflunisal 23779-99-9, Floctafenine 24219-97-4, Mianserine 26171-23-3, Tolmetin 26787-78-0, Amoxicillin 28797-61-7, Pirenzepine 29216-28-2, Mequitazine 33005-95-7, Tiaprofenic acid 33817-09-3, Levmetamfetamine 34580-13-7, Ketotifen 36322-90-4, Piroxicam 36330-85-5, Fenbufen 38194-50-2, Sulindac 39577-19-0, Picumast 42924-53-8, Nabumetone 50370-12-2, Cefadroxil 50679-08-8, Terfenadine 51333-22-3, Budesonide 53164-05-9, Acemetacin 55268-75-2, Cefuroxime 57132-53-3, Proglumetacin 58001-44-8, Clavulanic acid 58581-89-8, Azelastine 59804-37-4, Tenoxicam 60205-81-4, Ipratropium 68844-77-9, Astemizole 73231-34-2, Florfenicol 74103-06-3, Ketorolac 75970-99-9, Norastemizole 79516-68-0, Levocabastine 79794-75-5, Loratadine 80012-43-7, Epinastine 80370-57-6, Ceftiofur 80880-90-6, Telenzepine 81103-11-9, Clarithromycin 82326-74-7 83799-24-0, Fexofenadine 83881-51-0, Cetirizine 83905-01-5, Azithromycin 83919-23-7, Mometasone furoate 86181-42-2, Temelastine 87848-99-5, Acrivastine 89796-99-6, Aceclofenac 90101-16-9, Droxicam 90566-53-3, Fluticasone 90729-42-3, Carebastine 90729-43-4, Ebastine 97519-39-6, Ceftibutene 99571-64-9, Oxitropium 100069-68-9, Hexahydrosiladifenidol hydrochloride 100643-71-8, Desloratadine 108612-45-9, Mizolastine 110588-56-2, Noberastine 126544-47-6, Ciclesonide 129260-79-3, Loteprednol 130018-77-8, Levocetirizine 138674-26-7, Syk kinase 144459-70-1, Rofleponide 150756-35-7, Efletirizine 153168-05-9, Pleconaril 186691-13-4, Tiotropium 217500-96-4, Tulathromycin A 861390-05-8, Butoxicart 869359-93-3, Cetirizine dinitrate

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(pharmaceutical formulations comprising pleconaril and pharmaceutically active agent for treating respiratory tract diseases)

IT 869359-93-3, Cetirizine dinitrate

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(pharmaceutical formulations comprising pleconaril and pharmaceutically active agent for treating respiratory tract diseases)

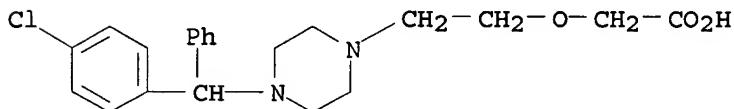
RN 869359-93-3 HCAPLUS

CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]-, dinitrate (9CI) (CA INDEX NAME)

CM 1

CRN 83881-51-0

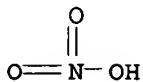
CMF C21 H25 Cl N2 O3



CM 2

CRN 7697-37-2

CMF H N O3



L39 ANSWER 3 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2006:100738 HCAPLUS  
 DN 144:198849  
 TI Novel dosage form comprising modified-release and immediate-release active ingredients  
 IN Vaya, Navin; Karan, Rajesh Singh; Sadanand, Sunil; Gupta, Vinod Kumar  
 PA India  
 SO U.S. Pat. Appl. Publ., 49 pp., Cont.-in-part of U.S. Ser. No. 630,446.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006024365	A1	20060202	US 2005-134633	20050519
	US 2004096499	A1	20040520	US 2003-630446	20030729
PRAI	IN 2002-MU697	A	20020805		
	IN 2002-MU699	A	20020805		
	IN 2003-MU80	A	20030122		
	IN 2003-MU82	A	20030122		
	US 2003-630446	A2	20030729		

AB A dosage form comprising of a high dose, high solubility active ingredient as modified release and a low dose active ingredient as immediate release where the weight ratio of immediate release active ingredient and modified release active ingredient is from 1:10 to 1:15000 and the weight of modified release active ingredient per unit is from 500 mg to 1500 mg; a process for preparing the dosage form. Tablets containing 10 mg sodium pravastatin and 1000 mg niacin were prepared. The release of sodium pravastatin after 24 h was 67.7%, and the release of niacin after 1 h was 84.1%.

INCL 424468000

CC 63-6 (Pharmaceuticals)

IT 50-02-2, Dexamethasone 50-04-4, Cortisone acetate 50-06-6, Phenobarbital, biological studies 50-12-4, Mephenytoin 50-13-5, Meperidine hydrochloride 50-18-0, Cyclophosphamide 50-19-1, Hydroxyphenamate 50-23-7, Hydrocortisone 50-24-8, Prednisolone 50-27-1, Estriol 50-28-2, Estra-1,3,5(10)-triene-3,17-diol (17 $\beta$ )-, biological studies 50-33-9, Phenylbutazone, biological studies 50-34-0, Propantheline bromide 50-35-1, Thalidomide 50-36-2, Cocaine 50-52-2, Thioridazine 50-53-3, Chlorpromazine, biological studies 50-55-5, Reserpine 50-56-6, Oxytocin, biological studies 50-57-7, Lypressin 50-58-8, Phendimetrazine tartrate 50-59-9, Cephaloridine 50-65-7, Niclosamide 50-76-0, Dactinomycin 50-78-2, Aspirin 50-91-9, Flouxuridine 51-05-8, Procaine hydrochloride 51-15-0, Pralidoxime chloride 51-21-8, Fluorouracil 51-30-9, Isoproterenol hydrochloride 51-40-1, Norepinephrine bitartrate 51-43-4, Epinephrine 51-52-5, Propylthiouracil 51-55-8, Atropine, biological studies 51-56-9, Homatropine hydrobromide 51-57-0, Methamphetamine hydrochloride 51-64-9, Dextroamphetamine 51-83-2, Carbachol 52-01-7, Spironolactone 52-24-4, Thiotepa 52-49-3, Trihexyphenidyl hydrochloride 52-68-6, Metrifonate 52-76-6, Lynestrenol 52-86-8, Haloperidol 52-88-0, Methylatropine nitrate 52-89-1, Cysteine hydrochloride 53-03-2, Prednisone 53-16-7D, Estrone, esters 53-19-0, Mitotane 53-34-9, Fluprednisolone 53-39-4, Oxandrolone 53-43-0,

Dehydroepiandrosterone 53-60-1, Promazine hydrochloride 53-73-6, Angiotensin amide 53-79-2, Puromycin 53-84-9, Nadide 53-86-1, Indometacin 54-03-5, Hexobendine 54-05-7, Chloroquine 54-21-7, Sodium salicylate 54-31-9, Furosemide 54-35-3, Penicillingprocaine 54-36-4, Metyrapone 54-42-2, Idoxuridine 54-64-8, Thimerosal 54-84-2, Cinanserin hydrochloride 54-85-3, Isoniazid 54-91-1, Pipobroman 55-03-8, Levothyroxine sodium 55-06-1, Liothyronine sodium 55-63-0, Nitroglycerin 55-86-7, Mechlorethamine hydrochloride 55-91-4, Isofluophate 55-98-1, Busulfan 56-45-1, Serine, biological studies 56-47-3, Desoxycorticosterone acetate 56-53-1, Diethylstilbestrol 56-59-7, Felypressin 56-75-7, Chloramphenicol 56-84-8, Aspartic acid, biological studies 56-87-1, Lysine, biological studies 56-89-3, Cystine, biological studies 56-94-0, Demecarium bromide 57-13-6, Urea, biological studies 57-41-0, Phenytoin 57-47-6, Physostigmine 57-53-4, Meprobamate 57-63-6, Ethinyl estradiol 57-65-8, Thyromedan hydrochloride 57-66-9, Probenecid 57-68-1, Sulfamethazine 57-83-0, Progesterone, biological studies 57-91-0, 17- $\alpha$  Estradiol 57-94-3, Tubocurarine chloride 57-96-5, Sulfinpyrazone 58-08-2, Caffeine, biological studies 58-14-0, Pyrimethamine 58-18-4, Methyltestosterone 58-22-0, Testosterone 58-25-3, Chlordiazepoxide 58-28-6, Desipramine hydrochloride 58-32-2, Dipyridamole 58-33-3, Promethazine hydrochloride 58-38-8, Prochlorperazine 58-39-9, Perphenazine 58-54-8, Ethacrynic acid 58-55-9, Theophylline, biological studies 58-71-9, Cephalothin sodium 58-86-6, Xylose, biological studies 58-93-5, Hydrochlorothiazide 58-94-6, Chlorothiazide 59-05-2, Methotrexate 59-30-3, Folic acid, biological studies 59-33-6, Pyrilamine maleate 59-52-9, Dimercaprol 59-63-2, Isocarboxazid 59-67-6, Niacin, biological studies 59-87-0, Nitrofurazone 59-92-7, Levodopa, biological studies 59-97-2, Tolazoline hydrochloride 60-13-9, Amphetamine sulfate 60-18-4, Tyrosine, biological studies 60-23-1, Cysteamine 60-29-7, Ether, biological studies 60-45-7, Fenimide 60-54-8, Tetracycline 60-56-0, Methimazole 60-80-0, Antipyrine 60-99-1, Methotriepazine 61-25-6, Papaverine hydrochloride 61-56-3, Sulthiame 61-57-4, Niridazole 61-68-7, Mefenamic acid 61-73-4, Methylene blue 61-75-6, Bretylium tosylate 61-76-7, Phenylephrine hydrochloride 61-90-5, Leucine, biological studies 62-51-1, Methacholine chloride 62-68-0, Proadifen hydrochloride 62-73-7, Dichlorvos 62-90-8, Nandrolone phenpropionate 63-05-8, Androstenedione 63-12-7, Benzquinamide 63-39-8, Uridine triphosphate 63-45-6, Primaquine phosphate 63-68-3, Methionine, biological studies 63-89-8, Colfosceril palmitate 63-91-2, Phenylalanine, biological studies 63-92-3, Phenoxybenzamine hydrochloride 63-98-9, Phenacetin 64-31-3, Morphine sulfate 64-43-7, Amobarbital sodium 64-55-1, Mebutamate 64-77-7, Tolbutamide 64-86-8, Colchicine 65-28-1, Phentolamine mesylate 65-29-2, Gallamine triethiodide 65-45-2, Salicylamide 66-75-1, Uracil mustard 66-76-2, Dicumarol 66-81-9, Cycloheximide 67-20-9, Nitrofurantoin 67-43-6, Pentetic acid 67-45-8, Furazolidone 67-63-0, Isopropyl alcohol, biological studies 67-68-5, Dimethyl sulfoxide, biological studies 67-73-2, Fluocinolone acetonide 67-92-5, Dicyclomine hydrochloride 67-95-8, Quingestrone 67-96-9, Dihydrotachysterol 68-22-4, Norethindrone 68-23-5, Norethynodrel 68-35-9, Sulfadiazine 68-41-7, Cycloserine 68-89-3, Dipyrone 68-91-7, Trimethaphan camsylate 68-96-2, 17 Hydroxy progesterone 69-44-3, Amodiaquine hydrochloride 69-53-4, Ampicillin 69-57-8, Penicillinsodium 69-65-8, Mannitol 69-72-7, Salicylic acid, biological studies 69-74-9, Cytarabine hydrochloride 70-00-8, Trifluridine 70-10-0, Ticlatone 70-30-4, Hexachlorophene 71-00-1, Histidine, biological studies 71-27-2, Succinylcholine chloride 71-58-9, Medroxyprogesterone acetate 71-63-6, Digitoxin 71-68-1, Hydromorphone hydrochloride 71-73-8, Thiopental

sodium 71-81-8, Isopropamide iodide 72-18-4, Valine, biological studies 72-19-5, Threonine, biological studies 72-33-3, Mestranol 72-44-6, Methaqualone 73-09-6, Etozolin 73-22-3, Tryptophan, biological studies 73-31-4, Melatonin 73-32-5, Isoleucine, biological studies 73-48-3, Bendroflumethiazide 74-79-3, Arginine, biological studies 75-00-3, Ethyl chloride 75-19-4, Cyclopropane 76-38-0, Methoxyflurane 76-42-6, Oxycodone 76-43-7, Fluoxymesterone 76-57-3, Codeine 76-73-3, Secobarbital 76-74-4, Pentobarbital 76-90-4, Mepenzolate bromide 77-21-4, Glutethimide 77-26-9, Butalbital 77-27-0, Thiamylal 77-36-1, Chlorthalidone 77-41-8, Methsuximide 77-46-3, Acedapsone 77-67-8, Ethosuximide 77-86-1, Trometamol 78-11-5, Pentaerythritol tetranitrate 78-44-4, Carisoprodol 79-09-4, Propionic acid, biological studies 79-17-4, Pimagedine 79-57-2, Oxytetracycline 79-64-1, Dimethylsterone 80-08-0, Dapsone 80-50-2, Anisotropine methylbromide 81-04-9, 1,5-Naphthalenedisulfonic acid 81-13-0, Dexpanthenol 81-23-2, Dehydrocholic acid 81-54-9, Purpurin 82-92-8, Cyclizine 83-43-2, Methylprednisolone 83-73-8, Iodoquinol 83-74-9, Ibogaine 84-17-3, Dienestrol

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(novel dosage form comprising modified-release and immediate-release active ingredients)

IT 1524-88-5, Flurandrenolide 1538-09-6 1553-34-0, Methixene hydrochloride 1553-60-2, Ibufenac 1597-82-6, Paramethasone acetate 1605-68-1, Taxane 1605-89-6, Bolasterone 1607-17-6, Pentrinitrol 1622-61-3, Clonazepam 1622-62-4, Flunitrazepam 1639-60-7, Propoxyphene hydrochloride 1642-54-2, Diethylcarbamazine citrate 1649-18-9, Azaperone 1661-29-6, Meturedopa 1665-48-1, Metaxalone 1684-40-8, Tacrine hydrochloride 1707-14-8, Phenmetrazine hydrochloride 1722-62-9, Mepivacaine hydrochloride 1740-22-3, Pyrinoline 1744-22-5, Riluzole 1764-85-8, Epithiazide 1786-81-8, Prilocaine hydrochloride 1808-12-4, Bromodiphenhydramine hydrochloride 1812-30-2, Bromazepam 1841-19-6, Fluspirilene 1847-63-8, Nafoxidine hydrochloride 1866-43-9, Rolodine 1867-66-9, Ketamine hydrochloride 1892-80-4, Fenethylline hydrochloride 1893-33-0, Pipamperone 1910-68-5, Methisazone 1977-10-2, Loxapine 1977-11-3, Perlapine 1980-45-6, Benzodepa 1982-37-2, Methdilazine 1986-53-4, Bolandiol dipropionate 2013-58-3, Meclocycline 2022-85-7, Flucytosine 2030-63-9, Clofazimine 2056-56-6, Cintazone 2058-52-8, Clothiapine 2062-78-4, Pimozide 2062-84-2, Benperidol 2068-78-2, Vincristine sulfate 2078-54-8, Propofol 2098-66-0, Cyproterone 2109-73-1, Butacetin 2119-75-7, Fluperolone acetate 2127-01-7, Clorexolone 2135-14-0, Descinolone acetonide 2135-17-3, Flumethasone 2152-34-3, Pemoline 2154-02-1, Methopholine 2167-85-3, Pipazethate 2169-64-4, Azaridine 2181-04-6, Canrenoate potassium 2210-77-7, Pyrrocaine 2218-68-0, Chloral betaine 2244-21-5, Troclosene potassium 2259-96-3, Cyclothiazide 2276-90-6, Iothalamic acid 2313-87-3, Ethoxazene hydrochloride 2315-02-8, Oxymetazoline hydrochloride 2321-07-5, Fluorescein 2324-94-9, Profadol hydrochloride 2353-33-5, Decitabine 2364-72-9, Cyprolidol hydrochloride 2391-03-9, Dexbrompheniramine maleate 2398-96-1, Tolnaftate 2438-32-6, Dexchlorpheniramine maleate 2441-88-5, Fenyripol hydrochloride 2447-57-6, Sulfadoxine 2465-59-0, Oxypurinol 2487-63-0, Quinbolone 2508-79-4, Methyldopate hydrochloride 2521-01-9, Encyprate 2529-45-5, Flurogestone acetate 2607-06-9, Diflucortolone 2608-24-4, Piposulfan 2612-33-1, Clonitrate 2618-25-9, Ioglycamic acid 2668-66-8, Medrysone 2687-96-9 2740-04-7, Dimefline hydrochloride 2750-76-7, Rifamide 2751-09-9, Troleandomycin 2753-45-9, Mebeverine hydrochloride 2768-90-3, Quinaldine blue 2809-21-4, Etidronic acid 2825-60-7, Formocortal 2829-19-8, Rolicyprine 2856-75-9, Modaline sulfate 2898-11-5, Medazepam hydrochloride 2898-13-7, Sulazepam 2919-66-6, Melengestrol acetate 2921-92-8, Propatyl nitrate

2955-38-6, Prazepam 2975-34-0, Carphenazine maleate 2988-32-1, Indriline hydrochloride 2998-57-4, Estramustine 3000-39-3, Quingestanol acetate 3044-32-4, Clogestone acetate 3056-17-5, Stavudine 3073-59-4, Hexamethylene bisacetamide 3093-35-4, Halcinonide 3105-97-3, Hycanthone 3115-05-7, Iobenzamic acid 3116-76-5, Dicloxacillin 3122-01-8, Thiazesim hydrochloride 3124-93-4, Ethynerone 3137-73-3, Anagestone acetate 3200-06-4, Nafronyl oxalate 3202-55-9, Benapryzine hydrochloride 3211-76-5, Selenomethionine 3239-45-0, Dexfenfluramine hydrochloride 3270-71-1, Nifuraldezone 3282-75-5, Ethanolamine oleate 3313-26-6, Thiothixene 3374-05-8, Nalidixate sodium 3385-03-3, Flunisolide 3416-26-0, Lidoflazine 3440-28-6, Betamipron 3459-20-9, Glymidine sodium 3485-14-1, Cyclacillin 3485-62-9, Clidinium bromide 3505-38-2, Carbinoxamine maleate 3511-16-8, Hetacillin 3521-84-4, Iodipamide meglumine 3538-57-6, Haloprogesterone 3546-41-6, Pyrvinium pamoate 3562-84-3, Benzbromarone 3570-10-3, Benorterone 3570-75-0, Nifurthiazole 3572-80-3, Cyclazocine 3577-01-3, Cephaloglycin 3599-32-4, Indocyanine green 3601-19-2, Ropizine 3614-69-5, Dimethindene maleate 3624-96-2, Bialamicol hydrochloride 3666-69-1, Dioxadrol hydrochloride 3688-85-5, Diapamide 3693-39-8, Flucloronide 3696-28-4, Dipyrithione 3704-09-4, Mibolerone 3715-90-0, Tramazoline hydrochloride 3717-88-2, Flavoxate hydrochloride 3734-16-5, Prodilidine hydrochloride 3735-90-8, Phencarbamide 3737-09-5, Disopyramide 3771-19-5, Nafenopin 3778-73-2, Ifosfamide 3784-99-4, Stilbazium iodide 3791-63-7 3795-88-8, Levofuraltadone 3810-74-0, Streptomycin sulfate 3810-80-8, Diphenoxylate hydrochloride 3819-00-9, Piperacetazine 3845-22-5, Teroxalene hydrochloride 3858-89-7, Chloroprocaine hydrochloride 3861-73-2, Anazolene sodium 3876-10-6, Clominorex 3930-19-6, Streptonigrin 3930-20-9, Sotalol 3978-86-7, Azatadine maleate 4015-32-1, Quazodine 4105-38-8 4117-65-1, Aspartocin 4171-13-5, Valnoctamide 4197-24-4, Carbol-Fuchs 4205-90-7, Clonidine 4258-85-9, Clocortolone acetate 4268-36-4, Tybamate 4291-63-8, Cladribine 4320-13-2, Thiazinamium chloride 4330-99-8, Trimeprazine tartrate 4342-03-4, Dacarbazine 4386-35-0, Meralein sodium 4434-20-2, Clothixamide maleate 4499-40-5, Oxtriphylline 4548-15-6, Flunidazole 4551-59-1, Fenalamide 4598-67-8 4663-83-6, Buramate 4682-36-4, Orphenadrine citrate 4724-59-8, Clamoxyquin hydrochloride 4759-48-2, Isotretinoin 4803-27-4, Anthramycin 4803-44-5, Levopropylcillin potassium 4803-45-6, Thiphencillin potassium 4936-47-4, Nifuratel 4991-68-8, Pimetine hydrochloride 5002-47-1, Fluphenazine decanoate 5034-76-4, Indoxole 5036-03-3, Nifurdazil 5051-62-7, Guanabenz 5053-06-5, Fenspiride 5055-20-9, Nifurquinazol 5055-42-5, Silandrone 5072-26-4, Buthionine sulfoximine 5086-74-8, Tetramisole hydrochloride 5090-37-9, Metizoline hydrochloride 5104-49-4, Flurbiprofen 5118-17-2, Furazolium chloride 5250-39-5, Floxacillin 5251-34-3, Cloprednol 5289-74-7, Ecdysterone 5318-76-3, Imidocarb hydrochloride 5322-53-2, Oxiperomide 5355-16-8, Diaveridine 5370-01-4, Mexiletine hydrochloride 5373-42-2, Thaliblastine 5467-78-7, Fenamole 5490-27-7, Dihydrostreptomycin sulfate 5508-58-7, Andrographolide 5522-33-8, Difluanine hydrochloride 5534-09-8, Beclomethasone dipropionate 5536-17-4, Vidarabine 5560-62-3, Biphenamine hydrochloride 5560-69-0, Ethyl dibunate 5560-72-5, Iprindole 5560-73-6, Mimbane hydrochloride 5560-75-8, Pyroxamine maleate 5560-77-0, Rotoxamine 5560-78-1, Teclozan 5578-73-4, Sanguinarium chloride 5579-13-5, Capuride 5579-16-8, Epinephryl borate 5579-27-1, Simtrazene 5579-85-1, Bromchlorenone 5579-92-0, Iopydol 5579-93-1, Iopydone 5579-94-2, Merisoprol Hg 197 5579-95-3, Nifurmerone 5581-35-1, Amphecloral 5581-40-8, Dimefadane 5581-42-0, Glyparamide 5581-46-4, Molinazone

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(novel dosage form comprising modified-release and immediate-release

## active ingredients)

IT 5581-52-2, Thiamiprime 5585-59-1, Nitrocycline 5585-60-4, Paranyline hydrochloride 5585-62-6, Symetine hydrochloride 5585-71-7, Benzindopyrine hydrochloride 5585-73-9, Butriptyline hydrochloride 5586-87-8, Mefenorex hydrochloride 5588-20-5, Chlordantoin 5588-21-6, Cintriamide 5588-23-8, Cypenamine hydrochloride 5588-25-0, Dihexyverine hydrochloride 5588-29-4, Fenmetramide 5588-31-8, Imidoline hydrochloride 5588-33-0, Mesoridazine 5588-38-5, Tolpyramide 5591-22-0, Beacathone hydrochloride 5591-27-5, Clometherone 5591-29-7, Etafedrine hydrochloride 5591-33-3, Iosefamic acid 5591-43-5, Solyptine tartrate 5591-44-6, Pyrroliphene hydrochloride 5611-64-3, Methalthiazide 5630-53-5, Tibolone 5633-14-7, Benzetimide hydrochloride 5633-25-0, Noracymethadol hydrochloride 5634-37-7, Clorethate 5634-38-8, Guaithylline 5634-40-2, Levamfetamine succinate 5634-41-3, Parapenzolate bromide 5634-42-4, Tocamphyl 5667-70-9, Pentabamate 5667-71-0, Streptonicozid 5696-06-0, Methetoin 5696-09-3, Proxazole 5696-15-1, Butoxamine hydrochloride 5696-17-3, Epipropidine 5714-04-5, Guanoxan sulfate 5714-05-6, Quindecamine acetate 5714-75-0, Prednazate 5714-76-1, Quinetolate 5714-82-9, Triclofenol piperazine 5714-90-9, Levopropoxyphene napsylate 5716-20-1, Bamethan sulfate 5728-52-9, Felbinac 5749-67-7, Carbaspirin calcium 5781-37-3, Cycliramine maleate 5786-21-0, Clozapine 5786-68-5, Quipazine maleate 5800-19-1, Metiapine 5863-35-4, Nitromifene citrate 5870-29-1, Cyclopentolate hydrochloride 5875-06-9, Proparacaine hydrochloride 5928-84-7, Penicillin benzathine 5964-24-9, Thimerfonate sodium 5965-13-9, Dihydrocodeine bitartrate 5977-10-6, Fencibutirof 5980-31-4, Hexedine 5987-82-6, Benoxinate hydrochloride 6054-98-4, Olsalazine sodium 6157-87-5, Trestolone acetate 6190-39-2, Dihydroergotamine mesylate 6284-40-8, Meglumine 6385-02-0, Meclofenamate sodium 6385-58-6, Bithionolate sodium 6443-40-9, Xylamidine tosylate 6452-73-9, Oxprenolol hydrochloride 6493-05-6, Pentoxyfylline 6500-81-8, Ethacrynat sodium 6533-00-2, Norgestrel 6556-11-2, Inositol niacinate 6576-51-8, Stallimycin hydrochloride 6591-72-6, Penicillin hydrabamine 6620-60-6, Proglumide 6639-99-2, 17- $\alpha$ -Dihydroequilenin 6673-35-4, Practolol 6673-97-8, Spiroxasone 6724-53-4, Perhexiline maleate 6804-07-5, Carbadox 6830-17-7, Oxamarin hydrochloride 6890-40-0, Histamine phosphate 6933-90-0, Clorprenaline hydrochloride 6981-18-6, Ormetoprim 6990-06-3, Fusidic acid 7004-98-0, Epimestrol 7013-41-4, Talopram hydrochloride 7019-69-4, biological studies 7054-25-3, Quinidine gluconate 7082-27-1, Trimoxamine hydrochloride 7082-29-3, Ampyzine sulfate 7082-30-6, Triampyzine sulfate 7125-67-9, Metoquazine 7125-70-4, Amiquinsin hydrochloride 7125-71-5, Toquizine 7125-73-7, Flumetramide 7125-76-0, Codoxime 7195-27-9, Mefruside 7199-29-3, Cyheptamide 7225-61-8, Metrizoate sodium 7232-51-1, Pararosaniline pamoate 7241-94-3, Zolertine hydrochloride 7246-20-0, Triclofos sodium 7246-21-1, Tyropanoate sodium 7247-57-6, Heteronium bromide 7261-97-4, Dantrolene 7262-00-2, Quinazosin hydrochloride 7273-99-6, Gamfexine 7280-37-7, Estropipate 7281-31-4, Vinglycinate sulfate 7297-25-8, Erythrityl tetranitrate 7414-83-7, Etidronate disodium 7421-40-1, Carbenoxolone sodium 7424-00-2, Fenclonine 7439-94-3, Lutetium, biological studies 7439-97-6, Mercury, biological studies 7440-06-4D, Platinum, compds. 7440-57-5, Gold, biological studies 7447-40-7, Potassium chloride, biological studies 7481-89-2, Zalcitabine 7487-88-9, Magnesium sulfate, biological studies 7491-74-9, Piracetam 7492-29-7, Clazolam 7553-56-2, Iodine, biological studies 7554-65-6, Fomepizole 7601-55-0, Metocurine iodide 7644-67-9, Azotomycin 7660-71-1, Mesuprine hydrochloride 7681-11-0, Potassium iodide, biological studies 7681-54-1, Indomethacin sodium 7681-76-7, Ronidazole 7681-80-3, Pentapiperium methylsulfate 7681-93-8, Natamycin

7689-03-4D, Camptothecin, derivs. 7698-97-7, Fenestrel 7720-78-7, Ferrous sulfate 7722-64-7, Potassium permanganate 7722-84-1, :Hydrogen peroxide, biological studies 7724-76-7, Riboprine 7761-45-7, Metoprine 7761-88-8, Silver nitrate, biological studies 8008-53-5, Ethiodized Oil 8017-57-0, Trisulfapyrimidine 8025-81-8, Spiramycin 8029-68-3, Ichthammol 8029-99-0, Paregoric 8031-09-2, Morrhuate sodium 8031-14-9, Oxychlorosene 8052-16-2, Cactinomycin 8063-91-0, Mirincamycin hydrochloride 8065-29-0, Liothix 8067-24-1, Ergoloid mesylates 8067-69-4, Halquinols 8068-28-8, Colistimethate sodium 9000-99-1, Brinolase 9002-04-4, Thrombin 9002-60-2, Corticotropin, biological studies 9002-61-3, Human chorionic gonadotropin 9002-67-9, Luteinizing hormone 9002-69-1, Relaxin 9003-20-7, Polyvinyl acetate 9003-21-8, Poly (methyl acrylate) 9003-42-3, Poly(ethyl methacrylate) 9003-63-8, Poly(butyl methacrylate) 9004-10-8, Insulin, biological studies 9004-35-7 9004-36-8, Cellulose acetate butyrate 9004-38-0, Cellulose acetate phthalate 9004-39-1, Cellulose acetate propionate 9004-48-2, Cellulose propionate 9004-57-3, Ethylcellulose 9007-12-9, Calcitonin 9007-92-5, Glucagon, biological studies 9008-05-3, Histoplasmin 9010-01-9, Sodium amylosulfate 9010-88-2, Eudragit NE30D 9011-14-7, Poly(methyl methacrylate) 9011-15-8, Poly(isobutyl methacrylate) 9011-93-2, Lysostaphin 9012-09-3 9012-76-4, Poliglusam 9014-02-2, Zinostatin 9014-42-0, Thrombopoietin 9015-68-3, Asparaginase 9039-53-6, Urokinase 9041-08-1, Ardeparin sodium 9041-93-4, Bleomycin sulfate 9046-56-4, Ancrod 9050-67-3, Sizofiran 9051-97-2D, 1,3- $\beta$ -Glucan, carboxymethylated 9054-89-1, Orgotein 9087-70-1, Aprotinin 10024-97-2, Nitrous oxide, biological studies 10043-49-9, Au 198, biological studies 10078-46-3, Roletamide 10085-81-1, Benzoctamine hydrochloride 10087-89-5, Enpromate 10118-85-1, Lydimycin 10118-90-8, Minocycline 10238-21-8, Glyburide 10262-69-8, Maprotiline 10310-32-4, Tribenoside 10318-26-0, Mitolactol 10322-73-3, Estrofurate 10351-50-5, Leniquinsin 10355-14-3, Boxidine 10389-72-7, Clortermine hydrochloride 10397-75-8, Iocarmic acid 10403-51-7, Mitindomide 10418-03-8, Stanazolol 10423-37-7, Citenamide 10457-90-6, Bromperidol 10488-36-5, Tofenacin hydrochloride 10540-29-1, Tamoxifen 10540-97-3, Memantine hydrochloride 10549-91-4, Meclorisonate dibutyrate 10563-70-9, Melitracen hydrochloride 10596-23-3, Clodronic acid 11000-17-2, Vasopressin 11002-22-5, Apurinic acid 11006-76-1, Virginiamycin 11006-77-2, Statolon 11015-37-5, Bambermycin 11016-07-2, Fungimycin 11028-00-5, Bacoside A 11029-06-4, Elemene 11033-34-4, Steffimycin 11041-12-6, Cholestyramine resin 11043-98-4, Mitocromin 11043-99-5, Mitomalcin 11048-13-8, Nebramycin 11048-15-0, Kalafungin 11048-52-5, Bacoside B 11051-71-1, Avilamycin 11056-09-0, Ranimycin 11056-11-4, Biniramycin 11056-12-5, Cirolemycin 11056-13-6, Denofungin 11056-14-7, Mitocarcin

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(novel dosage form comprising modified-release and immediate-release active ingredients)

IT 11056-15-8, Mitosper 11056-18-1, Scopafungin 11056-20-5, Zorbamycin 11078-21-0, Filipin 11096-49-4, Partricin 11121-32-7, Mepartricin 12192-57-3, Aurothioglucose 12622-73-0, Coccidioidin 12629-01-5, Somatropin 12706-94-4, Anthelmycin 12713-07-4D, Verdin, derivs. 13010-47-4, Lomustine 13055-82-8, Reproterol hydrochloride 13060-14-5, Yangambin 13071-11-9, Dexopropranolol hydrochloride 13103-34-9, Boldenone undecylenate 13115-40-7, Fonazine mesylate 13292-46-1, Rifampin 13379-87-8, Tiprenolol hydrochloride 13392-18-2, Fenoterol 13392-28-4, Rimantadine 13408-29-2, Nitroxide 13411-16-0, Nifurpirinol 13422-16-7, Triflocin 13463-41-7, Pyrithione zinc 13494-90-1, Gallium nitrate 13523-86-9, Pindolol 13539-59-8, Apazone 13551-87-6, Misonidazole 13647-35-3, Trilostane 13665-88-8, Mopidamol 13698-49-2, Delmadinone acetate 13758-23-1, Quinterenol sulfate

13838-16-9, Enflurane 13909-09-6, Semustine 13958-40-2, Oxiramide  
14008-44-7, Metopimazine 14008-46-9, Pinoxepin hydrochloride  
14028-44-5, Amoxapine 14088-71-2, Proclonol 14176-10-4, Cetiedil  
14176-50-2, Tiletamine hydrochloride 14188-82-0, Cystostatin  
14255-87-9, Parbendazole 14265-71-5, Selenium 75, biological studies  
14293-44-8, Xipamide 14402-89-2, Sodium nitroprusside 14437-41-3,  
Clioxyline 14484-47-0, Deflazacort 14561-42-3, Menoctone 14611-51-9,  
Selegiline 14611-52-0, Selegiline hydrochloride 14636-12-5,  
Terlipressin 14698-29-4, Oxolinic acid 14769-73-4, Levamisole  
14769-74-5, Dexamisole 14796-24-8, Cinperene 14796-28-2, Clodanolene  
14816-67-2, Soterenol hydrochloride 14885-29-1, Ipronidazole  
14930-96-2, Cytochalasin B 15037-55-5, Ethonam nitrate  
15176-29-1, Edoxudine 15179-97-2, Estrazinol hydrobromide 15180-00-4,  
Prednival 15221-81-5, Fludorex 15256-58-3, Beloxamide 15307-79-6,  
Diclofenac sodium 15318-45-3, Thiamphenicol 15468-10-7, Oxidronic acid  
15478-78-1, Iodamide 15500-66-0, Pancuronium bromide 15574-96-6,  
Pizotyline 15578-26-4, Stannous pyrophosphate 15622-65-8, Molindone  
hydrochloride 15639-50-6, Safingol 15663-27-1, Cisplatin 15676-16-1,  
Sulpiride 15686-51-8, Clemastine 15686-68-7, Volazocine 15686-71-2,  
Cephalexin 15686-74-5, Cyclophenazine hydrochloride 15686-91-6,  
Propiram 15687-07-7, Cyprazepam 15687-27-1, Ibuprofen 15722-48-2,  
Olsalazine 15793-40-5, Terodilene 15826-37-6, Cromolyn sodium  
15922-78-8, Pyrithione sodium 15992-13-9, Intrazole 16034-77-8,  
Iocetamic acid 16051-77-7, Isosorbide mononitrate 16231-75-7, Atolide  
16320-04-0, Gestrinone 16590-41-3, Naltrexone 16624-40-1 16662-47-8,  
Gallopamil 16676-27-0, Nalmexone hydrochloride 16679-58-6,  
Desmopressin 16773-42-5, Ornnidazole 16816-67-4, Pantethine  
16846-24-5, Josamycin 16915-71-2, Cingestol 16915-78-9, Bolenol  
16915-79-0, Mequidox 16915-80-3, Oxogestone phenpropionate 16960-16-0,  
Cosyntropin 17021-26-0, Calusterone 17033-82-8, Iomethini125  
17090-79-8, Monensin 17196-88-2, Vincofos 17230-85-2, Amquinate  
17230-86-3, Carbenicillin potassium 17230-87-4, Seperidol hydrochloride  
17230-88-5, Danazol 17230-89-6, Nimazone 17243-32-2, Ketipramine  
fumarate 17243-64-0, Piprozolin 17289-49-5, Tetrydamine 17321-77-6,  
Clomipramine hydrochloride 17560-51-9, Metolazone 17598-65-1,  
Deslanoside 17605-73-1, Colterol mesylate 17650-98-5, Ceruleotide  
17737-65-4, Clonixin 17784-12-2, Sulfacytine 17902-23-7, Tegafur  
18010-40-7, Bupivacaine hydrochloride 18046-21-4, Fentiazac  
18109-81-4, Butamirate citrate 18174-58-8, Pipoxolan hydrochloride  
18323-44-9, Clindamycin 18378-89-7, Plicamycin 18416-85-8, Lombricine  
18464-39-6, Caroxazone 18472-51-0, Chlorhexidine gluconate 18559-94-9,  
Salbutamol 18588-57-3, Etoprime 18641-57-1, Glyceryl behenate  
18694-40-1, Epirizole 18883-66-4, Streptozocin 18917-89-0, Magnesium  
salicylate 18965-97-4, Berlafenone 18984-80-0, Euprocin hydrochloride  
19216-56-9, Prazosin 19237-84-4, Prazosin hydrochloride 19291-69-1,  
Gestaclone 19356-17-3, Calcifediol 19561-70-7, Nifuratrone  
19825-63-9, Pirnabine 19863-06-0, Ioxotrizoic acid 19885-51-9,  
Aranotin 19888-56-3, Fluazacort 19916-73-5, O6-Benzylguanine  
19992-80-4, Butixirate 20064-19-1, Propionylcarnitine 20098-14-0,  
Idramantone 20187-55-7, Bendazac 20287-37-0, Fenquizone 20350-15-6,  
Brefeldin 20423-99-8, Deprodone 20554-84-1, Parthenolide 20559-55-1,  
Oxibendazole 20638-84-0, Retinamide 20684-06-4, Bamifylline  
hydrochloride 20830-75-5, Digoxin 21059-48-3, Veramine 21132-59-2,  
Pazoxide 21221-18-1, Flazalone 21256-18-8, Oxaprozin 21365-49-1,  
Tralonide 21434-91-3, Capobenic acid 21440-97-1, Brofoxine  
21498-08-8, Lofexidine hydrochloride 21535-47-7, Mianserin hydrochloride  
21626-89-1, Diftalone 21638-36-8, Nifurimide 21736-83-4, Spectinomycin  
hydrochloride 21738-42-1, Oxamniquine 21791-39-9, Letimide  
hydrochloride 21820-82-6, Fenpipalone 21829-22-1, Clonixeril  
21829-25-4, Nifedipine 21888-98-2, Dexetimide 21925-88-2, Tesicam

22012-72-2, Zilantel 22071-15-4, Ketoprofen 22161-81-5, Dexketoprofen  
 22195-34-2, Guanadrel sulfate 22199-46-8, Clomacran phosphate  
 22204-24-6, Pyrantel Pamoate 22204-53-1, Naproxen 22204-91-7,  
 Lifibrate 22232-71-9, Mazindol 22254-24-6, Ipratropium bromide  
 22316-47-8, Clobazam 22365-40-8, Triflubazam 22461-13-8, Fantridone  
 hydrochloride 22484-64-6, Sulfanilate zinc 22494-27-5, Flufenisal  
 22494-42-4, Diflunisal 22632-06-0, Bupicamide 22662-39-1, Rafoxanide  
 22664-55-7, Metipranolol 22668-01-5, Etanidazole 22737-01-5,  
 Diflumidone sodium 22760-18-5, Proquazone 22916-38-7, Orconazole  
 nitrate 22916-47-8, Miconazole 23031-32-5, Terbutaline sulfate  
 23076-35-9, Xylazine hydrochloride 23092-17-3, Halazepam 23155-02-4,  
 Fosfomycin 23163-51-1, Methynodiol diacetate 23226-37-1, Daledalin  
 tosylate 23239-36-3, Deterenol hydrochloride 23239-37-4, Etoxadrol  
 hydrochloride 23239-41-0, Cephacetrile sodium 23239-78-3, Pridine  
 hydrochloride 23247-36-1, Nafomine malate 23256-09-9, Closiramine  
 aceturate 23256-26-0, Piquizil hydrochloride 23256-28-2, Hoquizil  
 hydrochloride 23256-50-0, Guanabenz acetate 23257-58-1, Levoxadrol  
 hydrochloride 23277-43-2, Nalbuphine hydrochloride 23277-50-1,  
 Salicylate meglumine 23288-49-5, Probulcol 23313-80-6, Epitetracycline  
 hydrochloride 23319-48-4, Megalomicin potassium phosphate 23327-57-3,  
 Nefopam hydrochloride 23444-86-2, Suncillin sodium 23469-05-8,  
 Diamocaine cyclamate 23478-02-6, 16- $\alpha$ -Gotoxin 23486-22-8,  
 Esproquin hydrochloride 23541-50-6, Daunorubicin hydrochloride  
 23593-75-1, Clotrimazole

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (novel dosage form comprising modified-release and immediate-release  
 active ingredients)

IT 23607-71-8, Fetoxylate hydrochloride 23672-07-3, Levosulpiride  
 23674-86-4, Difluprednate 23712-05-2, Fenmetozole hydrochloride  
 23736-58-5, Cloxacillin benzathine 23757-42-8, Midaflur 23779-99-9,  
 Floctafenine 23915-74-4, Trebenzomine hydrochloride 24047-25-4,  
 Guanoxabenz 24233-80-5, Bisobrin lactate 24243-89-8, Triflumidate  
 24280-93-1, Mycophenolic acid 24305-27-9, Protirelin 24353-88-6,  
 Lorbamate 24356-60-3, Cephapirin sodium 24357-98-0, Isomylamine  
 hydrochloride 24358-76-7, Nivazol 24358-84-7, Dexivacaine  
 24359-14-6, Liothyronine I-125 24359-16-8, Thyroxine I-125 24360-55-2,  
 Milipertine 24381-55-3, Salethamide maleate 24428-71-5, Glicetanile  
 sodium 24584-09-6, Dexrazoxane 24678-13-5, Lenperone 24967-94-0,  
 Dermatan sulfate 25053-27-4, Lyapolate sodium 25087-17-6, Poly (hexyl  
 methacrylate) 25092-41-5, Norgestomet 25122-46-7, Clobetasol  
 propionate 25122-57-0, Clobetasone butyrate 25126-32-3, Sincalide  
 25127-31-5, Codoxepin hydrochloride 25155-18-4, Methylbenzethonium  
 chloride 25189-01-9, Poly(phenyl methacrylate) 25269-04-9, Nisobamate  
 25314-87-8, Elucaine 25332-39-2, Trazodone hydrochloride 25387-70-6,  
 Dazadrol maleate 25389-94-0, Kanamycin sulfate 25451-15-4, Felbamate  
 25496-72-4, Glycerol monooleate 25614-03-3, Bromocriptine 25655-41-8,  
 Povidone-Iodine 25717-80-0, Molsidomine 25719-52-2, Poly (lauryl  
 methacrylate) 25775-90-0, Zucapsaicin 25812-30-0, Gemfibrozil  
 25827-13-8, Suloxifen oxalate 25905-77-5, Minaprine 25953-19-9,  
 Cefazolin 25986-77-0, Poly (octadecyl acrylate) 26048-05-5,  
 Beauvericin 26097-80-3, Cambendazole 26124-32-3, Poly (isopropyl  
 acrylate) 26155-31-7, Morantel tartrate 26159-36-4, Naproxol  
 26171-23-3, Tolmetin 26304-61-0, Azepindole 26308-28-1, Ripazepam  
 26309-95-5, Pivampicillin hydrochloride 26335-74-0, Poly (isobutyl  
 acrylate) 26538-44-3, Zeranol 26615-21-4, Zotepine 26652-09-5,  
 Ritodrine 26675-46-7, Isoflurane 26718-25-2, Halofenate 26774-90-3,  
 Epicillin 26786-32-3, Lofepramine hydrochloride 26786-84-5, Lomofungin  
 26787-78-0, Amoxicillin 26807-65-8, Indapamide 26839-75-8, Timolol  
 26844-12-2, Indoramin 26849-57-0, Triclonide 26864-56-2, Penfluridol  
 26944-48-9, Glibornuride 27107-79-5, Tiliidine hydrochloride

27220-47-9, Econazole 27223-35-4, Ketazolam 27262-47-1, Levobupivacaine 27276-25-1, Capobenate sodium 27302-90-5, Oxisuran 27314-97-2, Tirapazamine 27466-29-1, Intriptyline hydrochloride 27511-99-5, Eterobarb 27523-40-6, Isoconazole 27548-93-2, Baccatin III 27589-33-9, Azosemide 27591-69-1, Tilorone hydrochloride 27686-84-6, Masoprocol 27724-96-5, Cetraxate hydrochloride 27737-38-8, Mixidine 27762-78-3, Kethoxal 27823-62-7, Chlortetracycline bisulfate 27848-84-6, Nicergoline 27877-51-6, Tolindate 28069-65-0, Cuprimyxin 28395-03-1 28523-86-6, Sevoflurane 28546-58-9, Uldazepam 28657-80-9, Cinoxacin 28721-07-5, Oxcarbazepine 28745-68-8, Thiofedrine 28782-42-5, Difenoxin 28841-62-5, Atrinisol 28860-95-9, Carbidopa 28911-01-5, Triazolam 29050-11-1, Seclazone 29053-27-8, Meseclazone 29069-24-7, Prednimustine 29094-61-9, Glipizide 29110-48-3, Guanfacine hydrochloride 29121-60-6, Vaninolol 29122-68-7, Atenolol 29334-07-4, Sulmarin 29342-05-0, Ciclopirox 29462-18-8, Bentazepam 29679-58-1, Fenoprofen 29767-20-2, Teniposide 29868-97-1, Pirenzepine hydrochloride 29975-16-4, Estazolam 30060-91-4, Lometraline hydrochloride 30236-32-9, Dexsotalol 30303-65-2, Docosanol 30387-51-0, Asperlin 30392-41-7, Bitolterol mesylate 30516-87-1, Zidovudine 30544-47-9, Etofenamate 30652-11-0, Deferiprone 30716-01-9, Emilia tosylate 30868-30-5, Pyrazofurin 30910-27-1, Treloxitate 31112-62-6, Metrizamide 31127-82-9, Iodoxamide 31428-61-2, Tiamenidine 31430-15-6, Flubendazole 31430-18-9, Nocodazole 31431-39-7, Mebendazole 31431-43-3, Cyclobendazole 31441-78-8, Mercaptopurine 31478-45-2, Bamnidazole 31677-93-7, Bupropion hydrochloride 31793-07-4, Pirprofen 31842-01-0, Indoprofen 31842-61-2, Riminterol hydrobromide 31855-75-1, Benzylpenicilloyl polylysine 31883-05-3, Moracizine 31932-09-9, Ticarbodine 31959-88-3, Clodazon hydrochloride 31969-05-8, Bunolol hydrochloride 32211-97-5, Cyclindole 32222-06-3, Calcitriol 32266-10-7, Hexoprenaline sulfate 32295-18-4, Tosifen 32385-11-8, Sisomicin 32462-30-9, Oxfenicine 32780-64-6, Labetalol hydrochloride 32795-47-4, Nomifensine maleate 32954-58-8, Ipomeanol 32986-56-4, Tobramycin 33025-33-1, Proroxan hydrochloride 33069-62-4, Paclitaxel 33089-61-1, Amitraz 33125-97-2, Etomidate 33144-79-5, Broperamole 33159-27-2, Ecabet 33237-74-0, Aprindine hydrochloride 33286-22-5, Diltiazem hydrochloride 33386-08-2, Buspirone hydrochloride 33402-03-8, Metaraminol bitartrate 33419-42-0, Etoposide 33434-24-1, Eudragit RL 33515-09-2, Gonadorelin 33564-31-7, Diflorasone diacetate 33754-49-3, Zolazepam hydrochloride 33765-68-3, Oxendolone 33774-52-6, Detajmium bitartrate 33813-84-2, Deprostil 33876-97-0, Linsidomine 34031-32-8, Auranofin 34042-85-8, Sudoxicam 34061-34-2, Taclamine hydrochloride 34114-01-7, Pemerid nitrate 34144-82-6, Suxemerid sulfate 34157-83-0, Celastrol 34183-22-7, Propafenone hydrochloride 34214-49-8, Phenbutazone sodium glycerate 34256-91-2, Naranol hydrochloride 34297-34-2, Anidoxime 34368-04-2, Dobutamine 34444-01-4, Cefamandole 34482-99-0, Fletazepam 34522-46-8, Oxetorone fumarate 34552-83-5, Loperamide hydrochloride 34552-84-6, Isoxicam 34580-14-8, Ketotifen fumarate 34645-84-6, Fenclofenac 34661-75-1, Urapidil 34839-70-8, Metiamide 34866-46-1, Carbuterol hydrochloride 34887-52-0, Fenisorex 34966-41-1, Cartazolate 35100-44-8, Endrysone 35115-60-7, Teprotide 35121-78-9, Epoprostenol 35135-67-2, Cormethasone acetate 35189-28-7, Norgestimate 35212-22-7, Ipriflavone 35273-88-2, Gliflumide 35301-24-7, Cedefingol 35322-07-7, Fosazepam 35423-09-7, Tesimide 35425-83-3, Quinuclium bromide 35449-36-6, Gemcadiol 35523-45-6, Fludalanine 35554-44-0, Enilconazole 35578-20-2, Oxarbazole 35604-67-2, Viloxazine hydrochloride 35607-20-6, Avridine 35607-66-0, Cefoxitin 35700-23-3, Carboprost 35764-29-5, Fluotracen hydrochloride 35795-17-6, Trimazosin hydrochloride 35834-26-5, Rosaramicin 35838-58-5, Etazolate

hydrochloride 35846-53-8, Maitansine 35941-71-0, Tiaramide  
 hydrochloride 35943-35-2, Triciribine 36167-63-2, Halofantrine  
 hydrochloride 36282-47-0, Tramadol hydrochloride 36292-69-0,  
 Ketazocine 36322-90-4, Piroxicam 36330-85-5, Fenbufen 36504-94-6,  
 Butaclamol hydrochloride 36505-82-5, Prodolic acid 36508-71-1,  
 Zorubicin hydrochloride

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (novel dosage form comprising modified-release and immediate-release  
 active ingredients)

IT 36616-52-1, Fenclorac 36637-18-0, Etidocaine 36653-82-4, Cetyl alcohol  
 36735-22-5, Quazepam 36740-73-5, Flumizole 36791-04-5, Ribavirin  
 36945-03-6, Lergotrile 36950-96-6, Cicloprofen 36981-91-6, Fepradinol  
 36983-81-0, Fosfonet sodium 37025-55-1, Carbetocin 37087-94-8, Tibric  
 acid 37091-66-0, Azlocillin 37106-97-1, Bentiromide 37200-12-7,  
 Poly(isodecyl methacrylate) 37270-89-6, Nadroparin calcium 37296-80-3  
 37321-09-8, Apramycin 37332-99-3, Avoparcin 37517-26-3, Pipotiazine  
 palmitate 37554-40-8, Fluquazone 37640-71-4, Aprindine 37661-08-8  
 Bacampicillin hydrochloride 37686-84-3, Terguride 37717-21-8,  
 Flurocicatbine 37723-78-7, Iopronic acid 37750-83-7, Rimoprogyn  
 37751-39-6, Ciclazindol 37800-79-6, Difenoxtimide hydrochloride  
 37863-70-0, Iosumetic acid 38070-41-6, Tiodonium chloride 38081-67-3,  
 Carmantadine 38103-61-6, Tolamolol 38194-50-2, Sulindac 38241-28-0,  
 Zinterol hydrochloride 38241-39-3, Tazolol hydrochloride 38270-90-5,  
 Strontium chloride Sr 89 38274-54-3, Benurestat 38304-91-5, Minoxidil  
 38321-02-7, Dexverapamil 38363-32-5, Penbutolol sulfate 38677-85-9,  
 Flunixin 38821-53-3, Cephradine 38821-80-6, Rodocaine 38873-55-1,  
 Furobufen 38955-22-5, Pinadoline 39022-39-4, Oxaprotiline  
 hydrochloride 39186-49-7, Pirolazamide 39236-46-9, Imidurea  
 39294-79-6, Seractide acetate 39324-30-6, Pepstatin 39325-01-4,  
 Picibanil 39562-70-4, Nitrendipine 39624-65-2, Azanator maleate  
 39624-66-3, Trepipam maleate 39698-78-7, Saralasin acetate 39791-20-3,  
 Nylestriol 39809-25-1, Penciclovir 39878-70-1, Talampicillin  
 hydrochloride 40034-42-2, Rosoxacin 40054-69-1, Etizolam 40180-04-9,  
 Ticrynafen 40391-99-9, Pamidronic acid 40507-23-1, Fluproquazone  
 40594-09-0, Flucindole 40691-50-7, Tixanox 40759-33-9, Nolinium  
 bromide 40796-97-2, Bemesetron 40819-93-0, Lorajmine hydrochloride  
 40828-44-2, Clazolimine 40828-45-3, Azolimine 40828-46-4, Suprofen  
 40966-79-8, Sarpicillin 41020-67-1, Mexrenoate potassium 41020-79-5,  
 Dicirenone 41078-02-8, Enprofylline 41094-88-6, Tracazolate  
 41113-86-4, Bromoxanide 41147-04-0, Xanoxate sodium 41340-25-4,  
 Etodolac 41570-61-0, Tulobuterol 41575-94-4, Carboplatin 41692-24-4  
 41708-72-9, Tocainide 41729-52-6, Dezaguanine 41767-29-7, Fluocortin  
 butyl 41859-67-0, Bezafibrate 41927-88-2, Sodium iodide 123  
 41964-07-2, Tolimidone 41992-22-7, Spirogermanium hydrochloride  
 42021-34-1, Biriperone 42045-97-6, Phenaridine 42116-76-7, Carnidazole  
 42116-77-8, Deximafen 42200-33-9, Nadolol 42220-21-3,  
 Iodocholesterol 131 42281-59-4, Oxilorphan 42408-78-6, Pirandamine  
 hydrochloride 42408-82-2, Butorphanol 42422-68-4, Taleranol  
 42461-78-9, Sulfonterol hydrochloride 42616-25-1, Methioninase  
 42779-82-8, Clopirac 42794-76-3, Midodrine 42835-25-6, Flumequine  
 42864-78-8, Bevantolol hydrochloride 42877-18-9, Pelanserin  
 hydrochloride 42879-47-0, Pranolium chloride 42924-53-8, Nabumetone  
 42971-09-5, Vinpocetine 43033-72-3, Levomethadyl acetate hydrochloride  
 43143-11-9, Bispyrithione magsulfex 43200-80-2, Zopiclone 43210-67-9,  
 Fenbendazole 47141-42-4, Levobunolol 49562-28-9, Fenofibrate  
 49637-08-3, Nabitan hydrochloride 49697-38-3, Rimexolone 49755-67-1,  
 Ioglicic acid 49763-96-4, Stiripentol 49780-10-1, Azaclorzine  
 hydrochloride 49847-97-4, Prorenoate potassium 50264-69-2, Lonidamine  
 50370-12-2, Cefadroxil 50528-97-7, Xilobam 50650-76-5, Piroctone  
 50673-97-7, Colestolone 50679-07-7, Cinepazet maleate 50679-08-8

, Terfenadine 50700-72-6, Vecuronium bromide 50708-95-7, Tinabinol 50838-36-3, Tolciclate 50847-11-5, Ibudilast 50924-49-7, Mizoribine 51022-71-0, Nabilone 51022-73-2, Zometapine 51022-74-3, Iotroxic acid 51022-75-4, Cliprofen 51022-76-5, Sulnidazole 51022-98-1, Butirosin sulfate 51025-85-5, Arbekacin 51222-36-7, Ciclafrine hydrochloride 51222-37-8, Iproxamine hydrochloride 51234-28-7, Benoxaprofen 51264-14-3, Amsacrine 51321-79-0, Sparfosic acid 51333-22-3, Budesonide 51354-31-5, Nisterime acetate 51384-51-1, Metoprolol 51481-61-9, Cimetidine 51481-63-1, Bucainide maleate 51481-65-3, Mezlocillin 51481-67-5, Octriptyline phosphate 51598-60-8, Cimetropium bromide 51627-14-6, Cefatrizine 51627-20-4, Cefaparole 51762-05-1, Cefroxadine 51764-33-1, Iodoxamate meglumine 51773-92-3, Mefloquine hydrochloride 51781-06-7, Carteolol 51781-21-6, Carteolol hydrochloride 51876-98-3, Gliamilide 51876-99-4, Ioseric acid 52123-49-6, Cefazaflur sodium 52128-35-5, Trimetrexate 52212-02-9, Pipecuronium bromide 52214-84-3, Ciprofibrate 52279-58-0, Metogest 52279-59-1, Moxnidazole 52365-63-6, Dipivefrin 52389-27-2, Dexclamol hydrochloride 52468-60-7, Flunarizine 52618-68-5, Tioperidone hydrochloride 52645-53-1, Permethrin 52663-86-2, Dimoxamine hydrochloride 52760-47-1, Tametraline hydrochloride 52794-97-5, Carubicin hydrochloride 53066-26-5, Lexithromycin 53123-88-9, Sirolimus 53152-21-9, Buprenorphine hydrochloride 53179-07-0, Nisoxetine 53179-10-5, Fluperamide 53179-12-7, Clopimozide 53179-13-8, Pirfenidone 53267-01-9, Cibenzoline 53361-24-3, Imafen hydrochloride 53400-68-3, Tiquinamide hydrochloride 53583-79-2, Sultopride 53597-26-5, Etoformin hydrochloride 53597-27-6, Fendosal 53597-28-7, Fludazonium chloride 53643-48-4, Vindesine 53648-55-8, Dezocine 53714-56-0, Leuprolide 53716-45-3, Anilopam hydrochloride 53716-47-5, Nexteridine hydrochloride 53716-49-7, Carprofen 53716-50-0, Oxfendazole 53736-52-0, Cromitriile sodium 53808-87-0, Tetroxoprim 53808-88-1, Lonazolac 53902-12-8, Tranilast 53910-25-1, Pentostatin 53983-00-9, Nibroxane 53994-73-3, Cefaclor 54024-22-5, Desogestrel 54048-10-1, Etonogestrel 54081-68-4, Vinleurosine sulfate 54120-61-5, Prostalene 54143-54-3, Sepazonium chloride 54143-55-4, Flecainide 54182-58-0, Sucralfate 54182-60-4 54194-00-2, Salcolex 54239-37-1, Cimaterol 54350-48-0, Etretinate 54504-70-0, Theofibrate 54527-84-3, Nicardipine hydrochloride 54573-75-0, 1 $\alpha$ -Hydroxyvitamin D2 54605-45-7, Iocarmate meglumine 54644-15-4, Carbantel lauryl sulfate 54739-18-3, Fluvoxamine 54767-75-8, Suloctidil 54824-17-8, Mitonafide 54910-89-3, Fluoxetine 54965-22-9, Fluspiperone 55028-70-1, Arbabrostil 55028-71-2, Fluprostenol sodium 55028-72-3 55096-26-9, Nalmefene 55134-13-9, Narasin 55142-85-3, Ticlopidine 55149-05-8, Pirolate 55162-26-0, Pirbenicillin sodium 55242-55-2, Propentofylline 55242-74-5, Oxifungin hydrochloride 55242-77-8, Triafungin

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(novel dosage form comprising modified-release and immediate-release active ingredients)

IT 55268-75-2, Cefuroxime 55294-15-0, Muzolimine 55298-68-5, Neomycin palmitate 55453-87-7, Isoxepac 55560-96-8, Tixocortol pivalate 55694-87-6, Pentizidone sodium 55695-56-2, Cloroperone hydrochloride 55721-11-4, Secalciferol 55774-33-9, Azathioprine sodium 55779-18-5, Arprinocid 55837-27-9, Piretanide 55837-29-1, Tiropramide 55870-64-9, Pentisomycin 55881-07-7, Miokamycin 55905-53-8, Clebopride 55981-09-4, Nitazoxanide 56030-54-7, Sufentanil 56049-88-8, Indacrinone 56079-80-2, Ropitoin hydrochloride 56093-45-9, Selenium sulfide 56119-96-1, Furodazole 56187-89-4, Ximoprofen 56208-01-6, Pifarnine 56211-40-6, Torasemide 56219-57-9, Arildone 56281-36-8, Motretinide 56290-94-9, Medroxalol 56383-05-2, Zindotrine 56391-55-0, Octazamide 56391-57-2, Netilmicin sulfate 56420-45-2, Epirubicin 56430-99-0, Flumecinol 56470-64-5, Anordrin 56605-16-4D,

Spiromustine, di-Ph derivs. 56611-65-5, Oxagrelate 56689-42-0,  
Repromycin 56689-44-2, Nitramisole hydrochloride 56717-18-1,  
Isotiquimide 56741-95-8, Bropirimine 56784-39-5, Ozolinone  
56796-20-4, Cefmetazole 56917-29-4, Fluretofen 56980-93-9, Celiprolol  
56995-20-1, Flupirtine 57010-32-9, Tiapamil hydrochloride 57041-67-5,  
Desflurane 57067-46-6, Isamoxole 57109-90-7, Clorazepate dipotassium  
57149-07-2, Naftopidil 57166-13-9, Napactadine hydrochloride  
57248-88-1, Pamidronate disodium 57262-94-9, Setiptiline 57285-09-3,  
Folliculostatin 57381-26-7, Irsogladine 57432-61-8, Methylergonovine  
maleate 57441-90-4, Nivimedone sodium 57540-79-1, Nisbuterol mesylate  
57645-05-3, Sermetacin 57653-26-6, Fenobam 57666-60-1, Nitrafudam  
hydrochloride 57726-65-5, Nufenoxole 57773-63-4, Triptorelin  
57773-65-6, Deslorelin 57775-22-1, Etoperidone hydrochloride  
57781-15-4, Halopredone 57801-81-7, Brotizolam 57808-65-8, Closantel  
57982-78-2, Budipine 57998-68-2, Diaziquone 58019-50-4, Menabitan  
hydrochloride 58019-65-1, Nabazenil 58066-85-6, Miltefosine  
58152-03-7, Isepamicin 58167-78-5, Tandamine hydrochloride 58239-89-7,  
Moxazocine 58261-91-9, Mefenidil 58473-74-8, Cinromide 58493-49-5,  
Olvanil 58497-00-0, Procinonide 58503-79-0, Meobentine sulfate  
58524-83-7, Ciprocinonide 58525-82-9, Azatyrosine 58581-89-8,  
Azelastine 58712-69-9, Traxanox 58795-03-2, Apalcillin sodium  
58934-46-6, Lorcainide hydrochloride 58944-73-3, Sinefungin  
58957-92-9, Idarubicin 58970-76-6, Ubenimex 59017-64-0, Ioxaglic acid  
59018-13-2, Ioxaglate meglumine 59070-06-3, Ticarcillin cresyl sodium  
59122-46-2, Misoprostol 59160-29-1, Lidofenin 59170-23-9, Bevantolol  
59179-95-2, Lorazafone 59227-89-3, Laurocapram 59263-76-2, Meptazinol  
hydrochloride 59333-90-3, Exaprolol hydrochloride 59467-96-8,  
Midazolam hydrochloride 59497-39-1, Naflocort 59653-73-5, Teroxirone  
59703-84-3, Piperacillin sodium 59729-33-8, Citalopram 59733-86-7,  
Butikacin 59756-39-7, Enolicam sodium 59794-18-2, Paulomycin  
59803-98-4, Brimonidine 59804-37-4, Tenoxicam 59831-63-9, Doconazole  
59831-64-0, Milenperone 59831-65-1, Halopemide 59917-39-4, Vindesine  
sulfate 59937-28-9, Malotilate 59954-01-7, Pamatolol sulfate  
60019-19-4, Iotetric acid 60050-95-5, Sulfoxamine 60084-10-8,  
Tiazofurin 60086-22-8, Clopipazan mesylate 60135-22-0, Flumoxonide  
60142-96-3, Gabapentin 60166-93-0, Iopamidol 60200-06-8, Clorsulon  
60207-31-0, Azaconazole 60209-20-3, Lycetamine 60282-87-3, Gestodene  
60325-46-4, Sulprostone 60398-23-4, Iodoamiloride 60400-92-2,  
Proxicromil 60525-15-7, Zimelidine hydrochloride 60560-33-0, Pinacidil  
60569-19-9, Propiverine 60607-34-3, Oxatomide 60607-35-4, Topteronine  
60628-96-8, Bifonazole 60653-25-0, Orpanoxin 60719-84-8, Amrinone  
60719-85-9, Ciprefadol succinate 60762-57-4, Pirlindole 60857-08-1,  
Prostratin 60925-61-3, Ceforanide 60940-34-3, Ebselen 60976-05-8  
61036-62-2, Teicoplanin 61177-45-5, Clavulanate potassium 61220-69-7,  
Tiopinac 61260-05-7, Prenalterol hydrochloride 61263-35-2, Meteneprost  
61270-78-8, Cefonicid sodium 61318-91-0, Sulconazole nitrate  
61325-80-2, Flumezapine 61379-65-5, Rifapentine 61380-27-6,  
Carfentanil citrate 61380-41-4, Lofentanil oxalate 61413-54-5,  
Ropipram 61444-62-0, Nifluridine 61477-94-9, Pirmenol hydrochloride  
61481-30-9, Dicranin 61484-39-7, Pareptide sulfate 61489-71-2,  
Menotropin 61570-90-9, Tioxidazole 61622-34-2, Cefotiam 61825-94-3,  
Oxaliplatin 61849-14-7, Epoprostenol sodium 61869-08-7, Paroxetine  
62013-04-1, Dirithromycin 62087-72-3, Pentigetide 62134-34-3,  
Butoprozine hydrochloride 62220-58-0, Bipenamol hydrochloride  
62265-68-3, Quinfamide 62304-98-7, Thymalfasin 62435-42-1,  
Perfosfamide 62488-57-7 62571-86-2, Captopril 62571-87-3, Minaxolone  
62587-73-9, Cefsulodin 62613-82-5, Oxiracetam 62625-19-8, Pirogliride  
tartrate 62658-63-3, Bopindolol 62666-20-0, Pro gabide 62732-44-9,  
Ipidacrine 62816-98-2, Ormaplatin 62851-43-8, Zidometacin  
62893-20-3, Cefoperazone sodium 62928-11-4, Iproplatin 62929-91-3,

Procaterol hydrochloride 62973-76-6, Azanidazole 62973-77-7,  
 Parconazole hydrochloride 62989-33-7, Sapropterin 62996-74-1,  
 Staurosporine 63119-27-7, Anitrazafen 63198-97-0, Viroxime  
 63204-23-9, Oxmetidine hydrochloride 63245-28-3, Etifenin 63251-39-8,  
 Sulfinalol hydrochloride 63269-31-8, Ciramadol 63358-49-6,  
 Aspoxicillin 63534-64-5, Iosulamide meglumine 63585-09-1, Foscarnet  
 sodium 63590-19-2, Balanol 63590-64-7, Terazosin 63612-50-0,  
 Nilutamide 63659-18-7, Betaxolol 63659-19-8, Betaxolol hydrochloride  
 63675-72-9, Nisoldipine 63774-77-6, Somatomedin B 63941-73-1, Ioglucol  
 63941-74-2, Ioglucomide 63950-06-1, Esorubicin hydrochloride  
 64019-93-8, Dipivefrin hydrochloride 64059-66-1, Cetaben sodium  
 64063-83-8, Picotrin diolamine 64092-48-4, Zomepirac sodium  
 64211-45-6, Oxiconazole 64221-86-9, Imipenem 64228-81-5, Atracurium  
 besylate 64318-79-2, Gemeprost 64379-93-7, Cinflumide 64420-40-2,  
 Etibendazole 64461-82-1, Tizanidine hydrochloride 64485-93-4,  
 Cefotaxime sodium 64706-54-3, Bepridil 64808-48-6, Lobenzarit sodium  
 64872-77-1, Butoconazole nitrate 64924-67-0, Halofuginone  
 hydrobromide 64953-12-4, Moxalactam disodium 65009-35-0, Lidamidine  
 hydrochloride 65043-22-3, Indeloxazine hydrochloride 65052-63-3,  
 Cefetamet 65057-90-1, Talisomycin 65093-40-5, Cytarabine ocfosfate  
 65141-46-0, Nicorandil 65222-35-7, Pazelliptine 65271-80-9,  
 Mitoxantrone 65277-42-1, Ketoconazole 65322-72-7, Endralazine mesylate  
 65454-13-9, Lateritin

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (novel dosage form comprising modified-release and immediate-release  
 active ingredients)

IT 76541-72-5, Mifobate 76547-98-3, Lisinopril 76568-02-0, Flosequinan  
 76584-70-8, Depakote 76610-84-9, Cefbuperazone 76712-82-8, Histrelin  
 76824-35-6, Famotidine 76894-77-4, Dazmegrel 76932-56-4, Nafarelin  
 76963-41-2, Axid 76990-56-2, Milacemide 77016-85-4, Plomestane  
 77086-22-7, Dizocilpine maleate 77164-20-6, Levomoprolol 77181-69-2,  
 Sorivudine 77257-42-2, Stilonium iodide 77287-05-9, Rioprostil  
 77287-90-2, Xorphanol mesylate 77327-05-0, Didemnin B 77590-95-5,  
 Cetamolol hydrochloride 77590-96-6, Flordipine 77590-97-7, Fluradoline  
 hydrochloride 77599-17-8, Panomifene 77671-31-9, Enoximone  
 77679-27-7 77858-21-0, Velaresol 78013-07-7, Bactobolamine  
 78040-85-4, Coumermycin 78110-38-0, Aztreonam 78113-36-7, Romurtide  
 78186-33-1, Fumoxicillin 78186-34-2, Bisantrene 78266-06-5, Mebrofenin  
 78273-80-0, Roxatidine 78299-53-3, Tiacrilast 78308-51-7 78371-66-1,  
 Bucromarone 78415-72-2, Milrinone 78613-35-1, Amorolfine 78649-41-9,  
 Iomeprol 78755-81-4, Flumazenil 78822-40-9, Pirlimycin hydrochloride  
 78860-34-1, (L-783281) 78919-13-8, Iloprost 78967-07-4, Mofezolac  
 78994-23-7, Levormeloxifene 79094-20-5, Daltroban 79201-85-7,  
 Pinenadol 79211-34-0, Iotriside 79217-60-0, Cyclosporin 79350-37-1,  
 Cefixime 79404-91-4, Cilofungin 79498-31-0, Glaucocalyxin A  
 79516-68-0, Levocabastine 79578-14-6, Timobesone acetate 79617-96-2,  
 Sertraline 79619-32-2, Flavodiol maleate 79660-72-3, Fleroxacin  
 79672-88-1, Piriprost 79712-53-1, Tazifylline hydrochloride  
 79770-24-4, Iotrolan 79778-41-9, Neridronic acid 79794-75-5,  
 Loratadine 79798-39-3, Ketorfanol 79831-76-8, Castanospermine  
 79874-76-3, Delmopinol 79902-63-9, Simvastatin 80018-06-0, Fengabine  
 80125-14-0, Remoxipride 80168-44-1, Zinoconazole hydrochloride  
 80195-36-4, Cefdaloxime 80214-83-1, Roxithromycin 80263-73-6,  
 Eclazolast 80343-63-1, Sufotidine 80410-37-3, Fezolamine fumarate  
 80433-71-2, Levoleucovorin calcium 80451-05-4, Cecropin B 80474-14-2,  
 Fluticasone propionate 80486-69-7, Cloticasone propionate 80573-04-2,  
 Balsalazide 80576-83-6, Edatrexate 80621-81-4, Rifaximin 80755-51-7,  
 Bunazosin 80809-81-0, Docebenone 80828-32-6, Indolapril hydrochloride  
 80841-47-0, Asulacrine 80879-63-6, Emiglitate 80880-90-6, Telenzepine  
 80883-55-2, Enviradene 81026-63-3, Enisoprost 81045-50-3, Pivopril

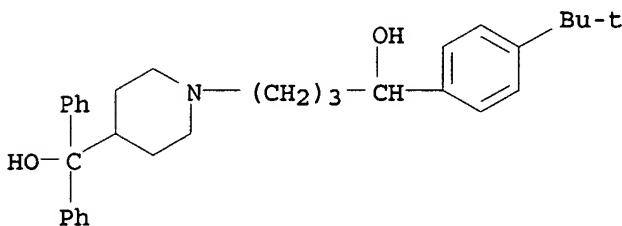
81093-37-0, Pravastatin 81098-60-4, Propulsid 81103-11-9,  
Clarithromycin 81129-83-1, Cilastatin sodium 81131-70-6, (Pravachol)  
81161-17-3, Esmolol hydrochloride 81167-22-8, Imiloxan hydrochloride  
81329-71-7, Modecainide 81377-02-8, L 363586 81382-52-7, Pentiapine  
maleate 81424-67-1, Caracemide 81435-67-8, Losulazine hydrochloride  
81447-80-5, Diprafenone 81447-81-6, Bromadoline maleate 81525-10-2,  
Nafamostat 81669-57-0, Anistreplase 81732-65-2, Bambuterol  
81737-62-4, Bendacalol mesylate 81801-12-9, Xamoterol 81840-15-5,  
Vesnarinone 81845-44-5, Ciprostene 81907-78-0, Batebulast  
81938-43-4, Zofenopril calcium 81957-25-7, Dazopride fumarate  
81965-43-7, Sarcnu 82030-87-3, Somatrem 82101-10-8, Flerobuterol  
82186-77-4, Benflumetol 82230-03-3, Carbetimer 82230-53-3, Girisopam  
82239-52-9, Moxiraprine 82248-59-7, Tomoxetine hydrochloride  
82410-32-0, Ganciclovir 82419-36-1, Ofloxacin 82547-58-8, Cefteram  
82571-53-7, Ozagrel 82626-48-0, Zolpidem 82664-20-8, Flurithromycin  
82707-54-8, Neutral endopeptidase 82708-31-4, Oocyte maturation  
inhibitor 82752-99-6, Nefazodone hydrochloride 82768-85-2, Quinaprilat  
82834-16-0, Perindopril 82855-09-2D, Combretastatin, analogs  
82857-82-7, Ilepcimide 82924-03-6, Pentopril 82964-04-3, Tolrestat  
82989-25-1, Tazanolast 83059-56-7, Zabicipril 83086-73-1, Tubulozole  
hydrochloride 83150-76-9, Octreotide 83166-18-1, Tampramine fumarate  
83198-90-7, Tiprinast meglumine 83200-11-7, Vinepidine sulfate  
83435-66-9, Delapril 83435-67-0, Delapril hydrochloride 83462-55-9,  
Deoxypyridinoline 83519-04-4, Ilmofosine 83529-09-3, Ciladopa  
hydrochloride 83602-05-5, Spiraprilat 83646-97-3, Inocoterone  
83688-84-0, Tertatolol 83784-18-3, Lutrelin acetate 83799-24-0,  
Fexofenadine 83805-11-2, Floocalcitrion 83863-79-0, Florifenine  
83881-51-0, Cetirizine 83898-67-3, Mioflazine hydrochloride  
83905-01-5, Azithromycin 83928-76-1, Gepirone 83997-75-5,  
Iododoxorubicin 84057-84-1, Lamotrigine 84057-95-4, Ropivacaine  
84088-42-6, Roquinimex 84166-17-6, Fenprinast hydrochloride  
84203-09-8, Trifenagrel 84290-27-7, Tucaresol 84305-41-9, Cefminox  
84371-65-3, Mifepristone 84379-13-5, Bretazenil 84392-17-6, Xenalipin  
84408-37-7, Desciclovir 84412-94-2, Ruboxyl 84449-90-1, Raloxifene  
84485-00-7, Sibutramine hydrochloride 84490-12-0, Piroximone  
84611-23-4, Erdosteine 84625-61-6, Itraconazole 84845-57-8, Ritipenem  
84845-75-0, Niperotidine 84880-03-5, Cefpimizole 84957-29-9, Cefpirome  
85053-47-0, Suricainide maleate 85068-76-4 85118-44-1, Minocromil  
85136-71-6, Tiliisolol 85175-67-3, Zatebradine 85181-38-0, Tropanserin  
hydrochloride 85197-77-9, Tipredane 85202-17-1, Stobadine 85216-79-1  
85441-61-8, Quinapril 85465-82-3, Thymotrinan 85468-01-5, Gusperimus  
trihydrochloride 85622-93-1, Temozolomide 85650-52-8, Mirtazapine  
85666-17-7, Furegrelate sodium 85683-41-6, Metipamide 85691-74-3,  
Pirmagrel 85721-33-1, Ciprofloxacin 85798-08-9, Quinpirole  
hydrochloride 85969-07-9, Budotitane 85977-49-7, Tauromustine  
86015-38-5, Neflumozide hydrochloride 86042-50-4, Cistinexine  
86048-40-0, Quazolast 86050-77-3, Gadopentetate dimeglumine  
86116-60-1, Azaloxan fumarate 86160-82-9, Lavoltidine succinate  
86181-42-2, Temelastine 86386-73-4, Fluconazole 86433-40-1,  
Terflavoxate 86487-64-1, Setoperone 86541-74-4, Benazepril  
hydrochloride 86541-78-8, Benazeprilat 86780-90-7, Aranidipine  
86828-07-1, Mallotojaponin 86832-68-0, Carumonam sodium 86914-11-6,  
Tolgabide 87005-03-6, Panaxytriol 87051-43-2, Ritanserin 87056-78-8,  
Quinagolide 87071-16-7, Arclofenin 87173-97-5, Spiradoline mesylate  
87233-61-2, Emedastine 87239-81-4, Cefpodoxime proxetil  
87248-13-3, Vapiprost hydrochloride 87333-19-5, Ramipril 87359-33-9,  
Isomazole hydrochloride 87495-31-6, Disoxaril 87495-33-8, Napamezole  
hydrochloride 87573-01-1, Salnacedin 87638-04-8, Carumonam  
87679-37-6, Trandolapril 87691-92-7, Tiospirone hydrochloride  
87719-32-2, Etarotene

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (novel dosage form comprising modified-release and immediate-release active ingredients)

IT 50679-08-8, Terfenadine 79794-75-5, Loratadine 83881-51-0, Cetirizine 87233-61-2, Emedastine  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (novel dosage form comprising modified-release and immediate-release active ingredients)

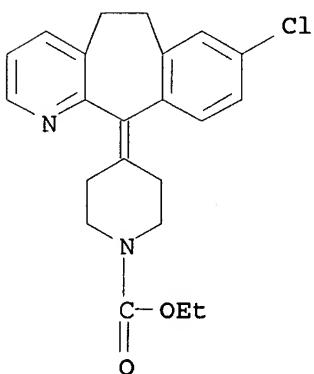
RN 50679-08-8 HCAPLUS

CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-(hydroxydiphenylmethyl)- (9CI) (CA INDEX NAME)



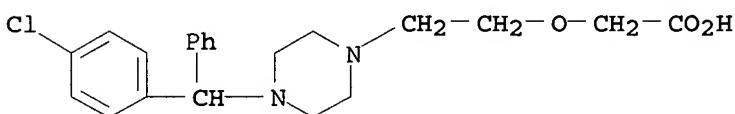
RN 79794-75-5 HCAPLUS

CN 1-Piperidinecarboxylic acid, 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-, ethyl ester (9CI) (CA INDEX NAME)



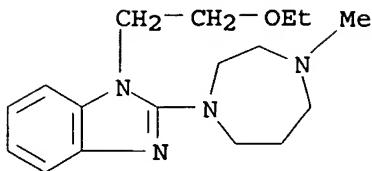
RN 83881-51-0 HCAPLUS

CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]- (9CI) (CA INDEX NAME)



RN 87233-61-2 HCAPLUS

CN 1H-Benzimidazole, 1-(2-ethoxyethyl)-2-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)- (9CI) (CA INDEX NAME)



L39 ANSWER 4 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2006:7186 HCAPLUS  
 DN 144:94357  
 TI Use of emulsions for intra- and periocular injection  
 IN Rabinovich-Guillat, Laura; De Kozak, Yvonne; Lambert, Gregory; Benita, Simon; Couvreur, Patrick; Behar-Cohan, Francine; Dubernet, Catherine  
 PA Novagali Pharma SA, Fr.; Centre National de la Recherche Scientifique (CNRS); Institut National de la Sante et de la Recherche Medicale (INSERM); Yissum Research Development Company of the Hebrew University of Jerusalem  
 SO Eur. Pat. Appl., 17 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1611879	A1	20060104	EP 2004-291684	20040702
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
	US 2006002963	A1	20060105	US 2004-891452	20040715
	WO 2006003519	A2	20060112	WO 2005-IB2317	20050701
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI	EP 2004-291684	A	20040702		
	US 2004-891452	A	20040715		
AB	An emulsion comprises a drug intended for intra- and periocular administration. Thus, a cationic emulsion contained dexamethasone 0.16, oleylamine 0.1, medium-chain triglyceride 2, $\alpha$ -tocopherol 0.01, Lipoid E80 0.32, Lutrol F68 0.5, glycerin 2.25, and water qs to 100%.				
CC	63-6 (Pharmaceuticals)				
IT	10102-43-9, Nitric oxide, biological studies				
	RL: BSU (Biological study, unclassified); BIOL (Biological study) (donors; emulsions for intra- and periocular injection)				
IT	50-02-2, Dexamethasone 50-07-7, Mitomycin 50-18-0, Cyclophosphamide 50-23-7, Hydrocortisone 50-24-8, Prednisolone 50-35-1, Thalidomide 50-44-2, Mercaptopurine 50-76-0, Dactinomycin 50-91-9, Floxuridine 50-99-7, Dextrose, biological studies 51-21-8, Fluorouracil 51-34-3, Scopolamine 51-43-4 51-83-2, Carbachol 53-03-2, Prednisone 53-19-0, Mitotane 53-43-0, DHEA 53-86-1, Indomethacin 54-42-2, Idoxuridine 54-91-1, Pipobroman 55-48-1 55-86-7, Nitrogen mustard				

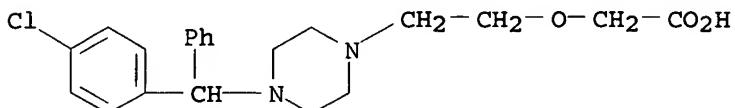
55-91-4, Di-isopropyl Fluorophosphate 55-98-1, Busulfan 56-75-7,  
 Chloramphenicol 56-94-0, Demecarium bromide 57-22-7, Vincristine  
 57-62-5, Chlortetracycline 57-83-0, Progesterone, biological studies  
 59-02-9,  $\alpha$ -Tocopherol 59-05-2, Methotrexate 59-42-7,  
 Phenylephrine 59-66-5, Acetazolamide 59-87-0, Nitrofurazone 60-54-8,  
 Tetracycline 64-77-7, Tolbutamide 64-86-8D, Colchicine, derivs.  
 66-75-1, Uracil mustard 68-35-9, Sulfadiazine 69-72-7, biological  
 studies 70-00-8, Trifluorothymidine 71-58-9, Medroxyprogesterone  
 acetate 76-25-5, Triamcinolone acetonide 76-43-7, Fluoxymesterone  
 79-57-2, Oxytetracycline 83-43-2, Methylprednisolone 83-44-3,  
 Deoxycholic acid 84-22-0, Tetrahydrozoline 86-21-5, Prophenpyridamine  
 87-00-3, Homatropine 91-75-8, Antazoline 91-80-5, Methapyrilene  
 91-84-9, Pyrilamine 92-13-7, Pilocarpine 94-20-2, Chlorpropamide  
 100-91-4, Eucatropine 112-90-3, Oleylamine 113-92-8 114-07-8,  
 Erythromycin 120-97-8, Dichlorphenamide 124-94-7, Triamcinolone  
 127-07-1, Hydroxyurea 127-69-5, Sulfisoxazole 137-40-6, Sodium  
 propionate 144-80-9, Sulfacetamide 144-82-1, Sulfamethizole  
 147-94-4, Cytarabine 148-82-3, Melphalan 154-42-7, Thioguanine  
 154-93-8, Carmustine 305-03-3, Chlorambucil 320-67-2, Azacitidine  
 378-44-9, Betamethasone 426-13-1, Fluorometholone 446-86-6,  
 Azathioprine 512-15-2 513-10-0, Phospholine iodide 554-57-4,  
 Methazolamide 671-16-9, Procarbazine 807-38-5, Fluocinolone  
 835-31-4, Naphazoline 865-21-4, Vinblastine 968-81-0, Acetohexamide  
 1156-19-0, Tolazamide 1397-89-3, Amphotericin B 1403-66-3, Gentamicin  
 1404-04-2, Neomycin 1404-90-6, Vancomycin 1405-87-4, Bacitracin  
 1405-97-6, Gramicidin 1406-05-9, Penicillin 1406-11-7, Polymyxin  
 1508-75-4, Tropicamide 2998-57-4, Estramustine 3778-73-2, Ifosfamide  
 4342-03-4, Dacarbazine 5104-49-4, Flurbiprofen 5536-17-4, Vidarabine  
 9001-90-5, Fibrinolysin 9002-64-6, Parathyroid hormone 9004-10-8,  
 Insulin, biological studies 9005-49-6, Heparin, biological studies  
 9007-12-9, Calcitonin 9015-68-3, Asparaginase 9039-53-6, Urokinase  
 9061-61-4, NGF 10238-21-8, Glyburide 10540-29-1, Tamoxifen  
 11000-17-2, Vasopressin 11056-06-7, Bleomycin 11096-26-7, EPO  
 13010-47-4, Lomustine 13292-46-1, Rifampicin 13311-84-7, Flutamide  
 14769-73-4, Levamisole 14930-96-2, Cytochalasin B 15307-86-5,  
 Diclofenac 15663-27-1, Cisplatin 15686-71-2, Cephalexin 15687-27-1,  
 Ibuprofen 15826-37-6, Sodium cromoglycate 18378-89-7, Plicamycin  
 18883-66-4, Streptozocin 20830-81-3, Daunorubicin 21618-67-7  
 21679-14-1, Fludarabine 22916-47-8, Miconazole 23214-92-8, Doxorubicin  
 25316-40-9, Adriamycin 26839-75-8, Timolol 29094-61-9, Glipizide  
 29767-20-2, Teniposide 30516-87-1, AZT 33069-62-4, Taxol 33419-42-0,  
 Etoposide 36322-90-4, Piroxicam 36791-04-5, Ribavirin 41575-94-4,  
 Carboplatin 47141-42-4, Levobunolol 53643-48-4, Vindesine  
 53678-77-6, Muramyl dipeptide 53714-56-0, Leuprolide 53910-25-1,  
 Pentostatin 54350-48-0, Etretinate 59277-89-3, Acyclovir 61912-98-9,  
 Insulin-like growth factor 62031-54-3, FGF 62229-50-9, Epidermal  
 growth factor 63659-18-7, Betaxolol 64221-86-9, Imipenem 65277-42-1,  
 Ketoconazole 65807-02-5, Goserelin 66085-59-4, Nimodipine  
 69558-55-0, Thymopentin 69655-05-6, DDI 72558-82-8, Ceftazidime  
 79217-60-0, Cyclosporin 82410-32-0, Ganciclovir 83881-51-0,  
 Cetirizine 85721-33-1 86386-73-4, Fluconazole 104987-11-3, FK506  
 106392-12-5, Lutrol F68 113852-37-2, Cidofovir 121181-53-1, Filgrastim  
 123774-72-1, Sargramostim 127464-60-2, Vascular endothelial growth  
 factor 139639-23-9, Tissue plasminogen activator 352423-07-5, PLGF  
 530135-43-4, Foscamet

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (emulsions for intra- and periocular injection)

IT 83881-51-0, Cetirizine

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (emulsions for intra- and periocular injection)

RN 83881-51-0 HCAPLUS  
 CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy] -  
 (9CI) (CA INDEX NAME)



RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 5 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:1354875 HCAPLUS

DN 144:64394

TI Use of a compound in the treatment of sleep disorders

IN Sunderraj, Palaniswamy; Shephard, Adrian; Jones, Huw

PA Boots Healthcare International Limited, UK

SO PCT Int. Appl., 72 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005123074	A1	20051229	WO 2004-GB2330	20040601
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2524805	AA	20041130	CA 2004-2524805	20040601
	AU 2004319510	A1	20060105	AU 2004-319510	20040601
PRAI	GB 2003-12419	A	20030530		
	WO 2004-GB2330	W	20040601		

AB A method is disclosed for the treatment of sleep disorders. The method involves administration of triprolidine, in combination with at least one further active pharmaceutical agent, for enabling an individual to wake refreshed after sleep and the method of treating such an individual with triprolidine. Use of triprolidine, in combination with at least one further active pharmaceutical agent, as active ingredient in the manufacture of a composition for the treatment of sleep disorders is also described. A method of treating sleep of a person suffering from a sleep disorder, which method comprises administration of an ED of triprolidine, in combination with at least one further active pharmaceutical agent, as active ingredient to such a person is also described. The triprolidine is administered shortly before a person wishes to fall asleep, preferably orally and most commonly in the form of a tablet containing up to 20mg, e.g. 0.1mg, 1.25mg or 2.5mg, of the active ingredient. The triprolidine is also effective in enabling an individual to sleep more easily.

IC ICM A61K031-44

ICS A61P025-00

CC 1-12 (Pharmacology)

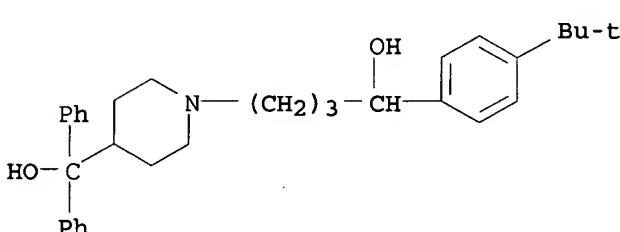
Section cross-reference(s): 2, 63

IT 50-23-7, Hydrocortisone 50-78-2, Aspirin 53-86-1, Indomethacin 58-08-2, Caffeine, biological studies 59-42-7, Phenylephrine 61-68-7, Mefenamic acid 73-31-4, Melatonin 76-57-3, Codeine 86-22-6, Brompheniramine 90-82-4, Pseudoephedrine 93-14-1, Guaiifenesin 94-09-7, Benzocaine 103-90-2, Paracetamol 123-03-5, Cetylpyridinium chloride 125-71-3, Dextromethorphan 132-22-9, Chlorpheniramine 136-77-6, Hexylresorcinol 137-58-6, Lidocaine 378-44-9, Betamethasone 486-12-4, Triprolidine 522-51-0, Dequalinium chloride 525-66-6, Propranolol 550-70-9, Triprolidine hydrochloride 616-91-1, Acetylcysteine 638-23-3, Carbocisteine 768-94-5, Amantadine 1300-94-3, Amylmetacresol 1404-88-2, Tyrothricin 1490-04-6, Menthol 4419-39-0, Beclomethasone 5104-49-4, Flurbiprofen 10102-43-9, Nitric oxide, biological studies 12041-76-8, Dichlorobenzyl alcohol 13392-28-4, Rimantadine 14838-15-4, Phenylpropanolamine 15307-79-6, Diclofenac sodium 15307-86-5, Diclofenac 15686-51-8, Clemastine 15687-27-1, Ibuprofen 18683-91-5, Ambroxol 22071-15-4, Ketoprofen 22161-81-5, Dexketoprofen 22204-53-1, Naproxen 36322-90-4, Piroxicam 36791-04-5, Tribavirin 39809-25-1, Penciclovir 50679-08-8, Terfenadine 57808-66-9, Domperidone 59277-89-3, Aciclovir 59804-37-4, Tenoxicam 71125-38-7, Meloxicam 79794-75-5, Loratadine 82410-32-0, Ganciclovir 83799-24-0, Fexofenadine 83881-51-0, Cetirizine 87848-99-5, Acrivastine 89796-99-6, Aceclofenac 103628-46-2, Sumatriptan 104227-87-4, Famciclovir 121679-13-8, Naratriptan 124832-26-4, Valaciclovir 139110-80-8, Zanamir 139264-17-8, Zolmatriptan 144034-80-0, Rizatriptan 154323-57-6, Almotriptan 162011-90-7, Rofecoxib 169590-42-5, Celecoxib 204255-11-8, Oseltamir phosphate  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(method for treatment of sleep disorders)

IT 50679-08-8, Terfenadine 79794-75-5, Loratadine  
83881-51-0, Cetirizine

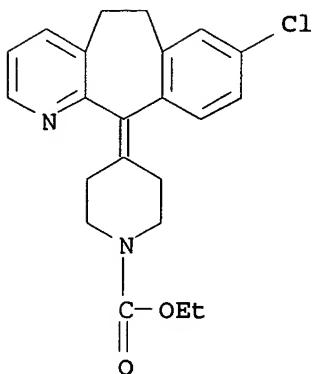
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(method for treatment of sleep disorders)

RN 50679-08-8 HCPLUS

CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-(hydroxydiphenylmethyl)- (9CI) (CA INDEX NAME)

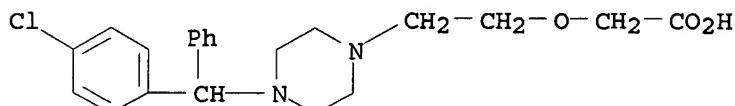
RN 79794-75-5 HCPLUS

CN 1-Piperidinecarboxylic acid, 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-, ethyl ester (9CI) (CA INDEX NAME)



RN 83881-51-0 HCAPLUS

CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy] - (9CI) (CA INDEX NAME)

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 6 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:1307850 HCAPLUS

DN 144:40921

TI Implantable device for delivery of at least one therapeutic agent

IN Frohwitter, Bernhard

PA J.A.C.C. G.m.b.H., Germany

SO Eur. Pat. Appl., 21 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1604697	A1	20051214	EP 2004-13671	20040609
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
	WO 2005120393	A2	20051222	WO 2005-EP6223	20050609
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	EP 2004-13671	A	20040609		

AB The present invention provides an implantable device as a delivery device for at least one therapeutic agent being composed of at least one type of base material comprising at least two types of reservoirs for at least one therapeutic agent whereby each type of reservoir independently provides identical or different release rates for the therapeutic agents. A schematic drawing of a coated stent is depicted (no data).

IC ICM A61L031-16  
ICS A61F002-06

CC 63-7 (Pharmaceuticals)

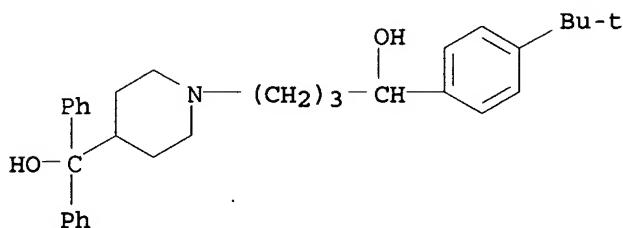
IT 7439-88-5, Iridium, biological studies 7440-06-4, Platinum, biological studies 7440-22-4, Silver, biological studies 7440-25-7, Tantalum, biological studies 7440-32-6, Titanium, biological studies 7440-33-7, Tungsten, biological studies 7440-44-0, Carbon, biological studies 7440-47-3, Chromium, biological studies 7440-48-4, Cobalt, biological studies 7440-57-5, Gold, biological studies 9002-84-0, Polytetrafluoroethylene 9003-07-0, Polypropylene 9004-35-7, Cellulose acetate 9004-70-0, Cellulose nitrate 9005-25-8, Starch, biological studies 11114-92-4, Chromium-cobalt alloy 12597-68-1, Stainless steel, biological studies 24980-41-4, Polycaprolactone 25038-59-9, Polyethylene teraphthalate, biological studies 25248-42-4, Polycaprolactone 25667-42-9, Polyethersulfone 26009-03-0, Polyglycolic acid 26023-30-3, Polylactic acid 26100-51-6, Polylactic acid 26124-68-5, Polyglycolic acid 52013-44-2, Nitinol 128171-16-4, Hydroxybutyric acid-hydroxyvaleric acid copolymer  
RL: DEV (Device component use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(implantable device for delivery of therapeutic agents)

IT 50-02-2, Dexamethasone 50-02-2D, Dexamethasone, derivs. 56-75-7, Chloramphenicol 57-83-0, Progesterone, biological studies 57-92-1, Streptomycin, biological studies 59-05-2, Methotrexate 60-54-8, Tetracycline 64-86-8, Colchicine 114-07-8, Erythromycin 302-79-4, Retinoic acid 1177-87-3, Dexamethasone acetate 1404-90-6, Vancomycin 1406-05-9, Penicillin 1406-11-7, Polymyxin 1501-84-4, Rimantadine hydrochloride 2392-39-4, Dexamethasone sodium phosphate 7440-39-3, Barium, biological studies 7553-56-2, Iodine, biological studies 8001-27-2, Hirudin 9000-94-6, Thrombin inhibitor 9002-01-1, Streptokinase 9005-49-6, Heparin, biological studies 9039-53-6, Urokinase 10098-91-6, Yttrium 90, biological studies 10102-43-9, Nitric oxide, biological studies 10198-40-0, Cobalt 60, biological studies 11111-12-9, Cephalosporin 13292-46-1, Rifampicin 14596-37-3, Phosphorus 32, biological studies 14694-69-0, Iridium 192, biological studies 14930-96-2, Cytochalasin B 15750-15-9, Indium 111, biological studies 22260-51-1, Bromocriptine mesylate 30516-87-1, AZT 33069-62-4, Taxol 50679-08-8 53123-88-9, Rapamycin 54965-24-1, Tamoxifen citrate 59277-89-3, Acyclovir 62996-74-1, Staurosporine 66104-23-2, Pergolide mesylate 79217-60-0, Cyclosporin 104227-87-4, Famciclovir 107910-75-8, Ganciclovir sodium 108736-35-2, Angiopeptin 129298-91-5, TNP-470 139639-23-9, Tissue plasminogen activator 140208-23-7, Plasminogen activator inhibitor-1 148717-90-2, Squalamine 155213-67-5, Norvir 157810-81-6, Crixivan 159351-69-6, SDZRAD 378784-45-3, Technetium 99m, biological studies 572921-97-2, Angiogenin  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(implantable device for delivery of therapeutic agents)

IT 50679-08-8  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(implantable device for delivery of therapeutic agents)

RN 50679-08-8 HCPLUS

CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-(hydroxydiphenylmethyl) - (9CI) (CA INDEX NAME)



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 7 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:1223808 HCAPLUS

DN 143:466050

TI Nasal or ocular compositions comprising zwitterionic cetirizine and a polar lipid liposome for treating rhinitis

IN Pereswetoff-Morath, Lena; Carlsson, Anders

PA Biolipox AB, Swed.; Mcneeney, Stephen Phillip

SO PCT Int. Appl., 46 pp.  
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005107711	A2	20051117	WO 2005-GB1758	20050506
	WO 2005107711	A3	20060316		
		W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW		
		RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
	US 2005255154	A1	20051117	US 2004-842433	20040511

PRAI US 2004-842433 A 20040511

AB There is provided pharmaceutical compns. for the treatment of rhinitis by, for example, nasal or ocular administration comprising zwitterionic cetirizine, a polar lipid liposome and a pharmaceutical-acceptable aqueous carrier. The compns. are preferably homogeneous in their nature. A composition contained cetirizine dinitrate, Lipoid S75, di-Na phosphate dihydrate, KH<sub>2</sub>PO<sub>4</sub>, 1M HCl and/or NaOH to pH 7.0, and water for injection.

IC ICM A61K009-127

ICS A61K009-00; A61K031-495; A61P037-08

CC 63-3 (Pharmaceuticals)

IT 83881-51-0, Cetirizine 83881-52-1, Cetirizine dihydrochloride  
869359-93-3

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(nasal or ocular compns. comprising zwitterionic cetirizine and a polar lipid liposome for treating rhinitis)

IT 869359-93-3

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (nasal or ocular compns. comprising zwitterionic cetirizine and a polar  
 lipid liposome for treating rhinitis)

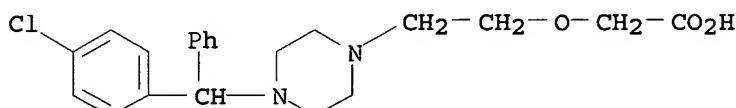
RN 869359-93-3 HCAPLUS

CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]-,  
 dinitrate (9CI) (CA INDEX NAME)

CM 1

CRN 83881-51-0

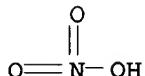
CMF C21 H25 Cl N2 O3



CM 2

CRN 7697-37-2

CMF H N O3



L39 ANSWER 8 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:983611 HCAPLUS

DN 143:292527

TI Bioavailability and improved delivery of alkaline pharmaceutical drugs

IN Yu, Ruey J.; Van Scott, Eugene J.

PA USA

SO U.S. Pat. Appl. Publ., 16 pp., Cont.-in-part of U.S. Ser. No. 792,273.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005196418	A1	20050908	US 2005-50434	20050204
	US 2004214215	A1	20041028	US 2004-792273	20040304
PRAI	US 2004-792273	A2	20040304		
	US 2003-452557P	P	20030307		

OS MARPAT 143:292527

AB Embodiments of the invention relate to a composition, a process of making the composition, and to the use of the composition. The compns. include a mol. complex

formed between an alkaline pharmaceutical drug and at least one selected from a hydroxy acid, a polyhydroxy acid, a related acid, a lactone, or combinations thereof. The compns. provide improved bioavailability and improved delivery of the drug into the cutaneous tissues. For example, diphenhydramine hydrochloride 29 g (0.1 mol) was dissolved in water and 5 N sodium hydroxide generating diphenhydramine free base. Gluconolactone 18 g (0.1 mol) was added to form a mol. complex of 0.1 mol diphenhydramine

free base with 0.1 mol gluconic acid/gluconolactone. The solution thus obtained was used for various forms of topical formulations including oil-in-water creams, lotions, gels and solns.

IC ICM A61K006-00

ICS A61K009-14

INCL 424401000; 424486000

CC 63-6 (Pharmaceuticals)

Section cross-reference(s): 1, 62

IT 50-21-5, Lactic acid, reactions 76-93-7, Benzilic acid, reactions 77-92-9, Citric acid, reactions 77-95-2, Quinic acid 79-14-1, Glycolic acid, reactions 80-69-3, Tartronic acid 87-69-4, Tartaric acid, reactions 87-69-4D, oligomers 89-65-6, Isoascorbic acid 90-64-2, Mandelic acid 90-80-2, Gluconolactone 96-82-2, Lactobionic acid 109-52-4D, Pentanoic acid, stereoisomers, reactions 127-17-3, Pyruvic acid, reactions 133-37-9 147-24-0, Diphenhydramine hydrochloride 147-73-9, Erythraric acid 150-97-0, Mevalonic acid 156-06-9, Phenylpyruvic acid 298-12-4, Glyoxylic acid 300-85-6, 3-Hydroxybutanoic acid 320-77-4, Isocitric acid 328-51-8, 2-Ketooctanoic acid 473-81-4, Glyceric acid 488-31-3, Pentonic acid 503-66-2, 3-Hydroxypropanoic acid 515-30-0, Atrolactic acid 526-95-4, D-Gluconic acid 526-99-8, Galactaric acid 527-00-4, Allaric acid 527-03-7D, Heptaric acid, stereoisomers 534-41-8, Cellobionic acid 534-42-9, Maltobionic acid 534-74-7, Isomaltobionic acid 544-57-0, Cerebronic acid 552-63-6, Tropic acid 584-63-4 597-44-4, Citramalic acid 599-04-2, Pantolactone 600-15-7, 2-Hydroxybutanoic acid 600-18-0, 2-Ketobutanoic acid 611-73-4, Benzoylformic acid 617-31-2, 2-Hydroxypentanoic acid 617-57-2, Lactyl lactate 617-73-2, 2-Hydroxyoctanoic acid 636-69-1, 2-Hydroxyheptanoic acid 666-99-9, Agaricic acid 674-26-0, Mevalonolactone 685-73-4, Galacturonic acid 815-89-4, xylo-5-Hexulosonic acid 828-01-3, 3-Phenyllactic acid 1112-33-0, Pantoic acid 1310-73-2, Sodium hydroxide, reactions 1336-21-6, Ammonium hydroxide 1821-02-9, 2-Ketopentanoic acid 2492-75-3, 2-Ketohexanoic acid 2782-86-7D, Heptonic acid, stereoisomers 3063-04-5, Glucoheptonolactone 3327-64-8, Gulonolactone 3402-98-0, Iduronic acid 3646-68-2, Glucosaminic acid 3909-12-4, Threonic acid 3956-93-2, Idonic acid 5666-23-9, Altraric acid 5768-54-7, Idaric acid 5965-65-1, Lactobionolactone 6064-63-7, 2-Hydroxyhexanoic acid 6543-97-1, Mannaric acid 6556-12-3, Glucuronic acid 6703-05-5, Lyxaric acid 6708-50-5, Mannosaminic acid 6814-36-4, Mannuronic acid 6915-15-7, Malic acid 7270-86-2 7558-19-2D, Hexaric acid, stereoisomers 7760-07-8D, Hexonic acid, stereoisomers 10158-64-2, Xylaric acid 10191-35-2, 2,3,4-Trihydroxybutanoic acid 10237-77-1, 3-Hydroxypentanoic acid 13088-48-7, 2-Ketoheptanoic acid 13171-74-9, Pentonic acid 13382-27-9, Galactonic acid 13425-57-5, 5-Hexulosonic acid 13431-32-8, Laminaribonic acid 13752-84-6, Erythronic acid 15769-56-9, Guluronic acid 16533-48-5, xylo-2-Hexulosonic acid 16742-48-6, 2-Hydroxyeicosanoic acid 17812-24-7, Ribonic acid 17828-56-7, Xyloonic acid 18404-70-1, Idonolactone 20246-52-0, Talonic acid 20246-53-1, Gulonic acid 20248-27-5, arabino-2-Hexulosonic acid 21675-38-7, Melibionic acid 22832-87-7, Miconazole nitrate 23351-51-1, Glucoheptonic acid 23593-75-1, Clotrimazole 24871-35-0, Altronic acid 25525-21-7, Glucaric acid 25596-90-1, Threonolactone 28060-81-3 28223-40-7, Lyxonic acid 28223-42-9, Allonic acid 28223-51-0, Alluronic acid 28223-52-1, Taluronic acid 28223-54-3, arabino-5-Hexulosonic acid 28223-56-5, ribo-5-Hexulosonic acid 28630-70-8 28630-71-9 28700-18-7, Galacturonolactone 30450-85-2 30923-19-4, Lyxuronic acid 30923-20-7, Riburonic acid 30923-21-8, Xyluronic acid 30923-39-8, Arabinuronic acid 32449-92-6, Glucuronolactone 33012-62-3, Ribaric acid 35388-57-9, Piscidic acid 36088-30-9D, stereoisomers 42776-28-3, Maltobionolactone 52762-22-8,

Cellobionolactone 70803-53-1 73803-83-5, 2-keto-Gulonic acid  
 80490-57-9, 2-Ketododecanoic acid 81176-80-9, Galactosaminic acid  
 84710-55-4, Threuronic acid 84710-56-5, Erythruronic acid 84710-57-6,  
 Altruronic acid 91698-32-7 122242-55-1D, stereoisomers 122242-56-2D,  
 stereoisomers 214975-75-4, D-ribo-2-Hexulosonic acid 224785-91-5,  
 Vardenafil hydrochloride 318471-21-5 318471-23-7 318471-25-9  
 318471-27-1 318471-28-2 318471-36-2 318471-37-3 318471-57-7  
 762262-34-0D, Hepturonic acid, stereoisomers 763103-38-4D, stereoisomers  
 763103-39-5 763103-40-8D, stereoisomers 763103-41-9 763103-42-0  
 763103-43-1 763103-44-2 763103-45-3 763103-47-5 763103-48-6D,  
 stereoisomers 763103-49-7 763103-50-0

RL: RCT (Reactant); RACT (Reactant or reagent)  
 (bioavailability and improved delivery of alkaline drugs by complexation  
 with acids or lactones)

IT 50-44-2, Mercaptopurine 50-81-7, Ascorbic acid, biological studies  
 51-64-9, Dextroamphetamine 52-86-8, Haloperidol 57-92-1, Streptomycin,  
 biological studies 58-00-4, Apomorphine 58-32-2, Dipyriramole  
 58-61-7, Adenosine, biological studies 58-93-5, Hydrochlorothiazide  
 70-51-9, Deferoxamine 73-48-3, Bendroflumethiazide 76-42-6, Oxycodone  
 77-86-1, Tromethamine 80-08-0, Dapsone 87-00-3, Homatropine  
 101-31-5, Hyoscamine 104-31-4, Benzonataate 113-45-1, Methyl phenidate  
 127-69-5, Sulfisoxazole 147-94-4, Cytarabine 148-79-8, Thiabendazole  
 303-53-7, Cyclobenzaprine 357-70-0, Galantamine 446-86-6, Azathioprine  
 466-99-9, Hydromorphone 469-62-5, Propoxyphene 564-25-0, Doxycycline  
 657-24-9, Metformin 671-16-9, Procarbazine 723-46-6, Sulfamethoxazole  
 738-70-5, Trimethoprim 739-71-9, Trimipramine 911-45-5, Clomiphene  
 1744-22-5, Riluzole 2022-85-7, Flucytosine 2152-34-3, Pemoline  
 3313-26-6, Thiothixene 4291-63-8, Cladribine 4342-03-4, Dacarbazine  
 5633-20-5, Oxybutynin 6493-05-6, Pentoxifylline 13292-46-1, Rifampin  
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 36791-04-5, Ribavirin 39809-25-1, Penciclovir 40431-64-9, Dexmethyl  
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 58581-89-8, Azelastine 58957-92-9, Idarubicin 59803-98-4, Brimonidine  
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 65271-80-9, Mitoxantrone 66085-59-4, Nimodipine 66104-22-1, Pergolide  
 68475-42-3, Anagrelide 69655-05-6, Didanosine 70052-12-9, Eflorenthine  
 72509-76-3, Felodipine 72599-27-0, Miglustat 73573-87-2, Formoterol  
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 83015-26-3, Atomoxetine 83150-76-9, Octreotide 83799-24-0,  
 Fexofenadine 83881-51-0, Cetirizine 83905-01-5, Azithromycin  
 84625-61-6, Itraconazole 85441-61-8, Quinapril 85622-93-1,  
 Temozolomide 85721-33-1, Ciprofloxacin 86386-73-4, Fluconazole  
 86541-75-5, Benazepril 87239-81-4, Cefpodoxime proxetil 88040-23-7,  
 Cefepime 88150-42-9, Amlodipine 95058-81-4, Gemcitabine 97682-44-5,  
 Irinotecan 100643-71-8, Desloratadine 100986-85-4, Levofloxacin  
 101828-21-1, Butenafine 103060-53-3, Daptomycin 103577-45-3,  
 Lansoprazole 103775-14-0, Moexiprilat 104227-87-4, Famciclovir  
 106650-56-0, Sibutramine 107233-08-9, Cevimeline 107753-78-6,  
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 112809-51-5, Letrozole 112811-59-3, Gatifloxacin 113665-84-2,

Clopidogrel 113806-05-6, Olopatadine 115103-54-3, Tiagabine 115256-11-6, Dofetilide 115956-12-2, Dolasetron 116539-59-4, Duloxetine 117467-28-4, Cefditoren pivoxil 119141-88-7, Esomeprazole 120014-06-4, Donepezil 120138-50-3, Quinupristin 120279-96-1, Dorzolamide 120511-73-1, Anastrozole 123441-03-2, Rivastigmine 124937-51-5, Tolterodine 128196-01-0, Escitalopram 129618-40-2, Nevirapine 129722-12-9, Aripiprazole 134678-17-4, Lamivudine 135729-61-2, Palonosetron 136470-78-5, Abacavir 136817-59-9, Delavirdine 137234-62-9, Voriconazole 139264-17-8, Zolmitriptan 139755-83-2, Sildenafil 142340-99-6, Adefovir dipivoxil 143322-58-1, Eletriptan 143491-57-0, Emtricitabine 144034-80-0, Rizatriptan 144494-65-5, Tirofiban 144689-63-4, Olmesartan medoxomil 144701-48-4, Telmisartan 145040-37-5, Candesartan cilexetil 145158-71-0, Tegaserod 150378-17-9, Indinavir 151096-09-2, Moxifloxacin 151319-34-5, Zaleplon 152459-95-5, Imatinib 154323-57-6, Almotriptan 159989-64-7, Nelfinavir 165800-03-3, Linezolid 169590-42-5, Celecoxib 170729-80-3, Aprepitant 171596-29-5, Tadalafil 175463-14-6, Gemifloxacin 184475-35-2, Gefitinib 188627-80-7, Eptifibatide 191114-48-4, Telithromycin 198904-31-3, Atazanavir 201341-05-1, Tenofovir disoproxil 224785-90-4, Vardenafil 226256-56-0, Cinacalcet

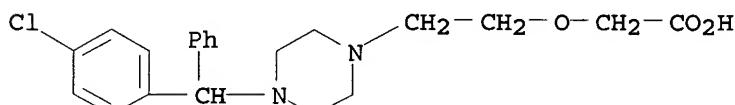
RL: RCT (Reactant); THU (Therapeutic use); BIOL (Biological study); RACT (Reactant or reagent); USES (Uses)  
(bioavailability and improved delivery of alkaline drugs by complexation with acids or lactones)

IT 83881-51-0, Cetirizine

RL: RCT (Reactant); THU (Therapeutic use); BIOL (Biological study); RACT (Reactant or reagent); USES (Uses)  
(bioavailability and improved delivery of alkaline drugs by complexation with acids or lactones)

RN 83881-51-0 HCPLUS

CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy] - (9CI) (CA INDEX NAME)



L39 ANSWER 9 OF 31 HCPLUS COPYRIGHT 2006 ACS on STN

AN 2005:638702 HCPLUS

DN 143:139193

TI Novel pharmaceutical compositions

IN Gupta, Vinod Kumar; Vaya, Navin

PA Torrent Pharmaceuticals Limited, India

SO PCT Int. Appl., 37 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005065639	A2	20050721	WO 2004-IN321	20041018
	WO 2005065639	A3	20050901		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,				

NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,  
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,  
 SN, TD, TG

PRAI IN 2003-MU1201 A 20031121

AB A dosage form comprising of an active ingredient as modified release and an active ingredient as immediate release. Wherein the modified release active ingredient is selected from high dose, low solubility active ingredients or low dose, low solubility active ingredients or low dose, high solubility active

ingredients and the immediate release active ingredient is selected from low dose active ingredients. Thus, tablets were obtained from nebivolol-HCl 6.1, lactose monohydrate 78.5, red ferric oxide 0.6, and PVP K30 3.3%.

IC ICM A61K009-00

CC 63-6 (Pharmaceuticals)

IT 50-18-0, Cyclophosphamide 50-28-2, Estradiol, biological studies  
 50-78-2 51-63-8, Dextroamphetamine sulfate 51-98-9, Norethindrone acetate 52-86-8, Haloperidol 55-03-8, Levothyroxine sodium 55-06-1, Liothyronine sodium 57-63-6, Ethinyl estradiol 58-93-5, Hydrochlorothiazide 64-77-7, Tolbutamide 67-92-5, Dicyclomine hydrochloride 71-68-1, Hydromorphone hydrochloride 79-10-7D, Acrylic acid, polymers 79-41-4D, polymers 94-20-2, Chlorpropamide 103-90-2, Acetaminophen 112-72-1, Myristyl alcohol 112-92-5, 1-Octadecanol 129-06-6, Warfarin sodium 148-82-3, Melphalan 298-59-9, Methylphenidate hydrochloride 300-62-9, Amphetamine 514-36-3, Fludrocortisone acetate 555-43-1 555-44-2 599-79-1, Sulfasalazine 657-24-9, Metformin 664-95-9, Tolcyclamide 797-63-7, Levonorgestrel 846-49-1, Lorazepam 1115-70-4, Metformin hydrochloride 1156-19-0, Tolazamide 1235-82-1, Biperiden hydrochloride 1319-82-0, Aminocaproic acid 1323-83-7, Glycerol distearate 1508-65-2, Oxybutynin chloride 1622-61-3, Clonazepam 2152-34-3, Pemoline 3149-00-6, Phenbutamide 4759-48-2, Isotretinoin 5786-21-0, Clozapine 6500-81-8, Ethacrylate sodium 6533-00-2, Norgestrel 7280-37-7, Estropipate 7481-89-2, Zalcitabine 9003-20-7, Polyvinyl acetate 9003-21-8, Poly(methyl acrylate) 9003-42-3, Poly(ethyl methacrylate) 9003-63-8, Poly(butyl methacrylate) 9004-35-7 9004-36-8, Cellulose acetate butyrate 9004-38-0, Cellulose acetate phthalate 9004-39-1, Cellulose acetate propionate 9004-48-2 9004-57-3 9010-88-2, Eudragit NE30D 9011-14-7, Poly(methyl methacrylate) 9011-15-8, Poly(isobutyl methacrylate) 9012-09-3 10102-43-9, Nitric oxide, biological studies 10238-21-8, Glyburide 15307-79-6, Diclofenac sodium 15687-27-1, Ibuprofen 19262-68-1, Dexmethylphenidate hydrochloride 20830-75-5, Digoxin 21187-98-4, Gliclazide 23256-50-0, Guanabenz acetate 25046-79-1, Glisoxepid 25087-17-6, Poly(hexyl methacrylate) 25189-01-9, Poly(phenyl methacrylate) 25496-72-4 25719-52-2, Poly(lauryl methacrylate) 25812-30-0, Gemfibrozil 25986-77-0, Poly((octadecyl acrylate) 26124-32-3, Poly(isopropyl acrylate) 26335-74-0, Poly(isobutyl acrylate) 26787-78-0, Amoxicillin 26807-65-8, Indapamide 26944-48-9, Glibornuride 27203-92-5, Tramadol 28981-97-7, Alprazolam 29094-61-9, Glipizide 31566-31-1, Glycerol monostearate 33342-05-1, Gliquidone 33434-24-1 36653-82-4, 1-Hexadecanol 37200-12-7, Poly(isodecyl methacrylate) 38304-91-5, Minoxidil 50370-12-2, Cefadroxil 53179-11-6, Loperamide 53885-35-1, Ticlopidine hydrochloride 53994-73-3, Cefaclor 54573-75-0, Doxercalciferol 54870-28-9D, Meglitinide, derivs. 54910-89-3, Fluoxetine 56180-94-0, Acarbose 56296-78-7, Fluoxetine hydrochloride

57109-90-7, Clorazepate dipotassium 58579-51-4, Anagrelide hydrochloride  
 59122-46-2, Misoprostol 59277-89-3, Acyclovir 61718-82-9, Fluvoxamine  
 maleate 62571-86-2, Captopril 63659-19-8, Betaxolol hydrochloride  
 64044-51-5 64544-07-6, Cefuroxime axetil 66357-59-3, Ranitidine  
 hydrochloride 72432-03-2, Miglitol 72956-09-3, Carvedilol  
 74103-07-4, Ketorolac tromethamine 74772-77-3, Ciglitazone 75330-75-5,  
 Lovastatin 75706-12-6, Leflunomide 76095-16-4, Enalapril maleate  
 76547-98-3, Lisinopril 76824-35-6, Famotidine 77883-43-3,  
 Doxazosin mesylate 79617-96-2, Sertraline 79794-75-5,  
 Loratadine 80879-63-6, Emiglitate 81131-70-6, Pravastatin sodium  
 82586-55-8, Quinapril hydrochloride 83480-29-9, Voglibose 84057-84-1,  
 Lamotrigine 87333-19-5, Ramipril 93107-08-5,  
 Ciprofloxacin hydrochloride 93479-97-1, Glimepiride 93957-55-2,  
 Fluvastatin sodium 97322-87-7, Troglitazone 99300-78-4, Venlafaxine  
 hydrochloride 100643-71-8, Desloratadine 104344-23-2, Bisoprolol  
 fumarate 105816-04-4, Nateglinide 107753-78-6, Zafirlukast  
 107868-30-4, Exemestane 109229-58-5, Englitazone 109889-09-0,  
 Granisetron 111025-46-8, Pioglitazone 112529-15-4, Pioglitazone  
 hydrochloride 112809-51-5, Letrozole 115436-72-1, Risedronate sodium  
 117976-90-6, Rabeprazole sodium 118457-14-0, Nebivolol 120511-73-1,  
 Anastrozole 124937-52-6, Tolterodine tartrate 128196-01-0, Escitalopram  
 129318-43-0, Alendronate sodium 132100-55-1, Dalvastatin 134523-03-8,  
 Atorvastatin calcium 135062-02-1, Repaglinide 143388-64-1, Naratriptan  
 hydrochloride 145040-37-5, Candesartan cilexetil 145599-86-6,  
 Cerivastatin 146939-27-7, Ziprasidone 147511-69-1, Pitavastatin  
 152520-56-4, Nebivolol hydrochloride 154323-57-6, Almotriptan  
 169590-42-5, Celecoxib 178806-87-6, Eudragit RSPO 181695-72-7,  
 Valdecoxib 196808-45-4, Farglitzaz 198470-84-7, Parecoxib  
 217797-14-3, Paroxetine mesylate 251454-45-2 251565-85-2,  
 (S)-2-Ethoxy-3-[4-[2-(4-methanesulfonyloxyphenyl)ethoxy]phenyl]propanoic  
 acid 287714-41-4, Rosuvastatin

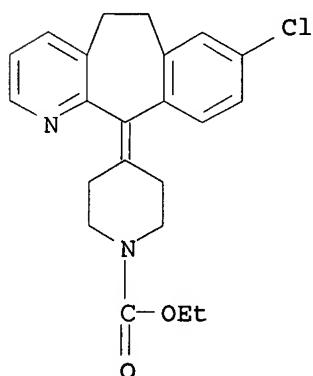
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (pharmaceutical compns.)

IT 79794-75-5, Loratadine

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (pharmaceutical compns.)

RN 79794-75-5 HCPLUS

CN 1-Piperidinecarboxylic acid, 4-(8-chloro-5,6-dihydro-11H-  
 benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-, ethyl ester (9CI) (CA  
 INDEX NAME)



L39 ANSWER 10 OF 31 HCPLUS COPYRIGHT 2006 ACS on STN  
 AN 2005:570782 HCPLUS

DN 143:83516

TI Dermal drug delivery system  
 IN Brown, Marc Barry; Martin, Gary Peter  
 PA Medpharm Limited, UK  
 SO PCT Int. Appl., 53 pp.  
 CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005058226	A1	20050630	WO 2004-GB5274	20041216
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2515834	AA	20050630	CA 2004-2515834	20041216

PRAI GB 2003-29141 A 20031216  
 WO 2004-GB5274 W 20041216

AB A device for brushing the skin prior to applying a topical preparation of a drug enhances the permeability of the stratum corneum to the drug. The use of all the enhancement techniques, with the exception of post-iontophoresis, was found to significantly increase the permeation of a peptide, compared to untreated skin at each defined time period (4 h and 24 h).

IC ICM A61H007-00

ICS A61B010-00; A61B017-20; A61M037-00

CC 63-6 (Pharmaceuticals)

Section cross-reference(s): 1

IT 50-03-3, Hydrocortisone acetate 50-23-7, Hydrocortisone 50-76-0, Dactinomycin 51-21-8, 5-Fluorouracil 54-42-2, Idoxuridine 54-85-3, Isoniazid 57-62-5, Chlortetracycline 58-55-9, Theophylline, biological studies 58-73-1, Diphenhydramine 59-05-2, Methotrexate 59-33-6, Mepyramine maleate 59-46-1, Procaine 63-25-2, Carbaryl 65-49-6, 4-Aminosalicylic acid 65-85-0, Benzoic acid, biological studies 67-73-2 69-72-7, Salicylic acid, biological studies 75-00-3, Ethyl chloride 79-57-2, Oxytetracycline 85-79-0, Cinchocaine 91-75-8, Antazoline 91-84-9, Mepyramine 92-62-6, 3,6-Acridinediamine 94-09-7 94-24-6, Amethocaine 94-36-0, Benzoyl peroxide, biological studies 97-24-5, Fentilon 102-76-1, Triacetin 104-29-0, Chlorphenesin 110-17-8, Fumaric acid, biological studies 112-37-8, Undecanoic acid 112-37-8D, Undecanoic acid, derivs. 120-51-4, Benzyl benzoate 121-75-5, Malathion 123-99-9, Azelaic acid, biological studies 124-94-7, Triamcinolone 126-27-2, Oxethazaine 135-58-0, Mesulphene 137-40-6, Sodium propionate 137-58-6, Lidocaine 149-15-5, Butacaine sulfate 154-69-8 298-81-7, Methoxsalen 316-15-4, Bucricaine 317-34-0, Aminophylline 350-12-9 382-67-2, Desoximetasone 404-86-4, Capsaicin 443-48-1, Metronidazole 483-63-6 493-80-1, Histapyrrodone 528-74-5, Dichloromethotrexate 536-43-6, Dyclocaine hydrochloride 550-70-9, Triprolidine hydrochloride 564-25-0, Doxycycline 575-74-6, Buclosamide 577-48-0 596-51-0 611-53-0, Ibacitabine 644-26-8, Amylocaine 661-19-8, 1-Docosanol 721-50-6, Prilocaine 777-11-7, Haloprogin 1018-71-9, Pyrrolnitrin 1134-47-0, Baclofen 1143-38-0,

Dithranol 1225-60-1, Isothipendyl hydrochloride 1229-29-4, Doxepin hydrochloride 1400-61-9, Nystatin 1524-88-5, Fludroxcortide 2152-44-5, Betamethasone valerate 2398-96-1, Tolnaftate 2773-92-4, 3339-11-5, Tolpropamine hydrochloride 3614-69-5 5534-09-8 5536-17-4, Vidarabine 5875-06-9, Proparacaine hydrochloride 7446-70-0, Aluminum chloride (AlCl<sub>3</sub>), biological studies 7487-88-9, Magnesium sulfate, biological studies 7681-93-8, Natamycin 7712-50-7, Myrtecaine 8044-71-1, Cetrimide 9002-92-0, Polidocanol 9004-70-0 11121-32-7, Mepartericin 13609-67-1, Hydrocortisone butyrate 14362-31-3, Chlorcyclizine hydrochloride 15176-29-1 22254-24-6, Ipratropium bromide 22832-87-7, Miconazole nitrate 23593-75-1, Clotrimazole 24169-02-6, Econazole nitrate 25122-46-7, Clohetasol propionate 25122-57-0 26002-80-2, Phenothrin 27659-81-0, Bromochlorosalicylanilide 38304-91-5, Minoxidil 39809-25-1, Penciclovir 41575-94-4, Carboplatin 41621-49-2, Ciclopirox olamine 50838-36-3, Tolciclate 52645-53-1, Permethrin 57333-96-7, Tacalcitol 59198-70-8, Diflucortolone valerate 59277-89-3, Aciclovir 59865-13-3, Ciclosporin 60628-96-8 61318-91-0, Sulconazole nitrate 64211-46-7, Oxiconazole nitrate 65277-42-1, Ketoconazole 65473-14-5 65899-73-2, Tioconazole 66734-13-2, Alclometasone dipropionate 69304-47-8, Brivudine 73151-29-8, Fenticonazole nitrate 74298-63-8, Chlormidazole hydrochloride 77174-66-4, 78613-35-1, Amorolfine 81131-70-6, Pravastatin sodium 82419-36-1, Ofloxacin 83621-06-1, Omoconazole nitrate 83881-51-0, Cetirizine 91161-71-6, Terbinafine 91431-42-4, Lonapalene 99011-02-6, Imiquimod 99592-39-9, Sertaconazole nitrate 101827-46-7, Butenafine hydrochloride 104987-11-3, Tacrolimus 112965-21-6 118292-40-3, Tazarotene 119006-77-8, Flutrimazole 128326-82-9, Eberconazole 130773-02-3, Neticonazole hydrochloride 137071-32-0, Pimecrolimus

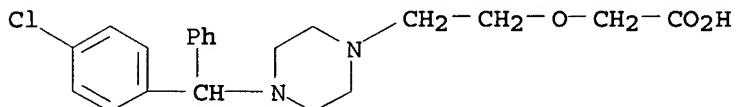
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (dermal drug delivery system)

IT 83881-51-0, Cetirizine

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (dermal drug delivery system)

RN 83881-51-0 HCPLUS

CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy] - (9CI) (CA INDEX NAME)



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 11 OF 31 HCPLUS COPYRIGHT 2006 ACS on STN

AN 2004:472271 HCPLUS

DN 141:28671

TI Stick-type aqueous preparations for treatment of skin diseases

IN Yasuda, Yoichi; Ogawa, Atsuko

PA Noevir Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 12 pp.

CODEN: JKXXAF

DT Patent

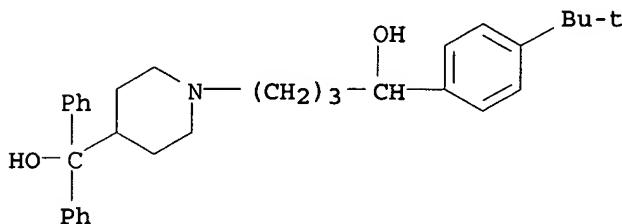
LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2004161625	A2	20040610	JP 2002-326339	20021111
PRAI JP 2002-326339		20021111		
AB	Title preps., which are applied to the skin without soiling fingers, contain active ingredients, water-soluble polyols, higher fatty acid salts, water-soluble polymers, and water. Thus, an emulsion containing glycerin, 1,3-butylene glycol, carrageenan, xanthan gum, NaOH, palmitic acid, stearic acid, and clotrimazole was molded to give a skin-moisturizing nonirritating stick, which showed good storage stability at 50° for ≥1 mo.			
IC	ICM A61K009-00 ICS A61K045-00; A61K047-10; A61K047-12; A61K047-30; A61P005-38; A61P023-02; A61P031-04; A61P031-10; A61P031-12; A61P037-08; A61P043-00			
CC	63-6 (Pharmaceuticals)			
IT	50-02-2, Dexamethasone 50-03-3, Hydrocortisone acetate 50-04-4, Cortisone acetate 50-07-7, Mitomycin C 50-18-0, Cyclophosphamide 50-23-7, Hydrocortisone 50-24-8, Prednisolone 50-44-2, Mercaptopurine 50-59-9, Cefaloridine 50-76-0, Actinomycin D 51-05-8, Procaine hydrochloride 51-21-8, Fluoro uracil 51-52-5, Propylthiouracil 52-21-1, Prednisolone acetate 52-24-4, Thiotepa 55-98-1, Busulfan 56-75-7, Chloramphenicol 56-81-5, Glycerin, biological studies 57-10-3, Palmitic acid, biological studies 57-11-4, Stearic acid, biological studies 58-18-4, Methyltestosterone 58-33-3, Promethazine hydrochloride 58-71-9 58-73-1D, Diphenhydramine, tannate 59-05-2, Methotrexate 60-54-8, Tetracycline 61-12-1, Dibucaine hydrochloride 64-73-3 64-75-5, Tetracycline hydrochloride 66-22-8, Uracil, biological studies 67-73-2, Fluocinolone acetonide 68-35-9, Sulfadiazine 68-41-7, Cycloserine 69-53-4, Ampicillin 72-14-0, Sulfathiazole 73-78-9, Lidocaine hydrochloride 76-25-5, Triamcinolone acetonide 80-35-3, Sulfamethoxypyridazine 83-43-2, Methyl prednisolone 107-88-0, 1,3-Butylene glycol 113-92-8, Chlorpheniramine maleate 113-98-4, Benzylpenicillin potassium 114-07-8, Erythromycin 122-11-2, Sulfadimethoxine 124-94-7, Triamcinolone 126-07-8, Griseofulvin 126-27-2, Oxethazaine 127-07-1, Hydroxycarbamide 127-69-5, Sulfisoxazole 127-79-7, Sulfamerazine 132-93-4, Phenethicillin potassium 132-98-9, Phenoxymethylenicillin potassium 136-47-0, Tetracaine hydrochloride 137-58-6, Lidocaine 138-37-4, Homosulfamine 143-67-9, Vinblastine sulfate 144-82-1, Sulfamethizole 147-24-0, Diphenhydramine hydrochloride 147-94-4, Cytarabine 148-82-3, Melphalan 151-73-5, Betamethasone sodium phosphate 152-47-6, Sulfamethopyrazine 302-22-7, Chlormadinone acetate 302-79-4, Tretinoïn 343-55-5, Dicloxacillin sodium 356-12-7, Fluocinonide 366-70-1, Procarbazine hydrochloride 378-44-9, Betamethasone 426-13-1, Fluorometholone 434-05-9, Metenolone acetate 434-07-1, Oxymetholone 514-36-3, Fludrocortisone acetate 515-64-0, Sulfisomidine 522-40-7, Fosfestrol 526-08-9, Sulfaphenazole 530-43-8, Chloramphenicol palmitate 550-70-9, Triprolidine hydrochloride 574-25-4, 6-Mercaptopurine riboside 599-79-1, Salazosulfapyridine 606-90-6, Diphenylpyraline theoclinate 642-78-4, Cloxacillin sodium 642-83-1, Aceglatone 643-22-1, Erythromycin stearate 723-46-6, Sulfamethoxazole 859-18-7, Lincomycin hydrochloride 969-33-5, Cyproheptadine hydrochloride 1220-83-3, Sulfamonomethoxine 1244-76-4 1264-62-6, Erythromycin ethylsuccinate 1310-73-2, Sodium hydroxide, biological studies 1333-08-0, Ethyl aminobenzoate 1392-21-8, Kitasamycin 1394-02-1, Trichomycin 1397-89-3, Amphotericin B 1400-61-9, Nystatin 1404-93-9, Vancomycin hydrochloride 1405-10-3, Fradiomycin sulfate 1405-20-5, Polymyxin B sulfate 1405-41-0, Gentamicin sulfate 1524-88-5, Fludroxytide 1538-09-6, Benzylpenicillin benzathine 1597-82-6, Paramethasone acetate			

1722-62-9, Mepivacaine hydrochloride 1982-36-1, Homochlorcyclizine hydrochloride 2002-29-1, Flumethasone pivalate 2058-46-0, Oxytetracycline hydrochloride 2068-78-2, Vincristine sulfate 2152-44-5, Betamethasone valerate 2181-04-6, Potassium Canrenoate 2192-20-3, Hydroxyzine hydrochloride 2203-97-6, Hydrocortisone succinate 2398-96-1, Tolnaftate 2462-17-1, Sulfisomidine sodium 2920-86-7, Prednisolone succinate 3056-17-5, Sanilvudine 3093-35-4, Halcinonide 3094-09-5, Doxifluridine 3485-14-1, Ciclacillin 3521-62-8, Erythromycin estolate 3772-42-7 3772-76-7, Sulfamethomidine 3793-10-0 3810-74-0, Streptomycin sulfate 3826-17-3 4330-99-8, Alimemazine tartrate 4800-94-6, Carbenicillin sodium 5534-02-1 5534-09-8, Beclomethasone dipropionate 5593-20-4, Betamethasone dipropionate 5987-82-6, Oxybuprocaine hydrochloride 6000-74-4, Hydrocortisone sodium phosphate 7481-89-2, Zalcitabine 7681-93-8, Pimaricin 8068-28-8, Colistin sodium methanesulfonate 9000-07-1, Carrageenan 9014-02-2, Neocarzinostatin 9015-68-3, L-Asparaginase 9041-93-4, Bleomycin sulfate 9050-67-3, Sizofiran 10246-75-0, Hydroxyzine pamoate 10592-13-9, Doxycycline hydrochloride 11138-66-2, Xanthan gum 13292-46-1, Rifampicin 13311-84-7, Flutamide 13609-67-1, Hydrocortisone butyrate 13614-98-7, Minocycline hydrochloride 14976-57-9, Clemastine fumarate 15663-27-1, Cisplatin 15686-71-2, Cephalexin 15826-37-6 16846-24-5, Josamycin 17462-77-0 17902-23-7, Tegafur 19504-77-9, Variotin 21312-10-7, Acetyl sulfamethoxazole 21362-69-6, Mepitiostane 21462-39-5, Clindamycin hydrochloride 21593-23-7, Cephapirin 22199-08-2, Sulfadiazine silver 22733-60-4, Siccanin 22832-87-7, Miconazole **nitrate** 23541-50-6, Daunorubicin hydrochloride 23593-75-1, Clotrimazole 23674-86-4, Difluprednate 24168-96-5, Isoconazole **nitrate** 24169-02-6, Econazole **nitrate** 24729-96-2, Clindamycin phosphate 24916-51-6, Acetylspiramycin 25122-46-7, Clobetasol propionate 25122-57-0, Clobetasone butyrate 25316-40-9, Doxorubicin hydrochloride 25389-94-0, Kanamycin sulfate 25507-04-4, Clindamycin palmitate hydrochloride 25953-19-9, Cefazolin 26016-98-8, Fosfomycin calcium 26787-78-0, Amoxicillin 28002-18-8, Sulbenicillin sodium 29216-28-2, Mequitazine 29457-07-6, Ticarcillin sodium 29701-07-3, Bekanamycin sulfate 30034-03-8, Cefamandole sodium 30516-87-1, Zidovudine 32887-03-9, Pivmecillinam hydrochloride 32986-56-4, Tobramycin 33069-62-4, Paclitaxel 33419-42-0, Etoposide 33564-30-6, Cefoxitin sodium 33755-46-3, Dexamethasone valerate 34580-14-8, Ketotifen fumarate 35457-80-8, Midecamycin 37339-90-5, Lentinan 37661-08-8, Bacampicillin hydrochloride 38821-53-3, Cefradine 39831-55-5, Amikacin sulfate 39878-70-1, Talampicillin hydrochloride 41575-94-4, Carboplatin 41621-49-2, Ciclopirox olamine 50370-12-2, Cefadroxil 50679-08-8, Terfenadine 50838-36-3, Tolciclate 50847-11-5, Ibudilast 51016-68-3, Josamycin propionate 51022-69-6, Amcinonide 51333-22-3, Budesonide 51481-61-9, Cimetidine 51762-05-1, Cefroxadine 52152-93-9, Cefsulodin sodium 53179-09-2, Sisomicin sulfate 53797-35-6, Ribostamycin sulfate 53902-12-8, Tranilast 53910-25-1, Pentostatin 53994-73-3, Cefaclor 54965-24-1, Tamoxifen citrate 55726-47-1, Enocitabine 55881-07-7, Midecamycin acetate 56238-63-2, Cefuroxime sodium 56390-09-1, Epirubicin hydrochloride 56391-57-2, Netilmicin sulfate 56796-39-5, Cefmetazole sodium 57235-40-2 57852-57-0, Idarubicin hydrochloride 58580-55-5, Dibekacin sulfate 58970-76-6, Ubenimex 59198-70-8, Diflucortolone valerate 59277-89-3, Acyclovir 59703-84-3, Piperacillin sodium 60607-34-3, Oxatomide 60628-96-8, Bifonazole 61177-45-5, Potassium clavulanate 61318-91-0, Sulconazole **nitrate** 61422-45-5, Carmofur 62893-20-3, Cefoperazone sodium 64211-46-7, Oxiconazole **nitrate** 64485-93-4, Cefotaxime sodium 64544-07-6, Cefuroxime axetil 64953-12-4, Latamoxef sodium 65277-42-1, Ketoconazole

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (stick-type aqueous preps. for treatment of skin diseases)  
 IT 50679-08-8, Terfenadine  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (stick-type aqueous preps. for treatment of skin diseases)  
 RN 50679-08-8 HCPLUS  
 CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-  
 (hydroxydiphenylmethyl)- (9CI) (CA INDEX NAME)



L39 ANSWER 12 OF 31 HCPLUS COPYRIGHT 2006 ACS on STN  
 AN 2004:312325 HCPLUS  
 DN 140:344892  
 TI Ophthalmologic irrigation solutions and method  
 IN Demopoulos, Gregory A.; Palmer, Pamela Pierce; Herz, Jeffrey M.  
 PA Omeros Corporation, USA  
 SO U.S. Pat. Appl. Publ., 18 pp.  
 CODEN: USXXCO

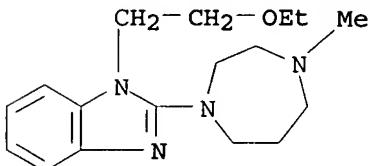
DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004072809	A1	20040415	US 2003-630626	20030730
	CA 2493581	AA	20040205	CA 2003-2493581	20030730
	WO 2004010894	A2	20040205	WO 2003-US23871	20030730
	WO 2004010894	A3	20040701		
		W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW		
		RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
	EP 1534313	A2	20050601	EP 2003-772122	20030730
		R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK		
	JP 2006504661	T2	20060209	JP 2004-524225	20030730
PRAI	US 2002-399899P	P	20020730		
	WO 2003-US23871	W	20030730		
AB	SSolns. for perioperative intraocular application by continuous irrigation during ophthalmol. procedures are provided. These solns. include multiple agents that act to inhibit inflammation, inhibit pain, effect mydriasis (dilation of the pupil), and/or decrease intraocular pressure, wherein the multiple agents are selected to target multiple mol. targets to achieve multiple differing physiol. functions, and are included in dilute concns. in				

a balanced salt solution carrier. Trabeculectomy solns. contain prednisolone 10-10,000, flurbiprofen 10-10,000, timolol 10-10,000, and phenylephrine 50,500,000 nM.

IC ICM A61K031-573  
 ICS A61K031-485; A61K031-192  
 INCL 514171000; 514282000; 514570000; 514537000  
 CC 63-6 (Pharmaceuticals)  
 IT 501433-35-8, Inducible nitric oxide synthase  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (inhibitors; ophthalmol. irrigation solns. and method)  
 IT 50-02-2, Dexamethasone 50-24-8, Prednisolone 50-99-7, Dextrose,  
 biological studies 51-43-4, Epinephrine 51-55-8, Atropine, biological  
 studies 59-42-7, Phenylephrine 70-18-8, Glutathione, biological  
 studies 71-52-3, Bicarbonate, biological studies 87-00-3, Homatropine  
 94-24-6, Tetracaine 137-58-6, Lidocaine 151-16-6 244-54-2,  
 Dibenziodolium 426-13-1, Fluorometholone 437-38-7, Fentanyl  
 466-99-9, Hydromorphone 499-67-2, Proparacaine 512-15-2,  
 Cyclopentolate 1491-59-4, Oxymetazoline 1508-75-4, Tropicamide  
 2986-19-8, S-Methyl isothiourea 2986-20-1, 2-Ethyl-2-thiopseudourea  
 5104-49-4, Flurbiprofen 14127-61-8, Calcium ion, biological studies  
 14265-44-2, Phosphate, biological studies 15307-86-5, Diclofenac  
 16887-00-6, Chloride ion, biological studies 22071-15-4, Ketoprofen  
 22537-22-0, Magnesium ion, biological studies 24203-36-9, Potassium ion,  
 biological studies 26839-75-8, Timolol 31127-82-9, Iodoxamide  
 34580-13-7, Ketotifen 38396-39-3, Bupivacaine 40828-46-4, Suprofen  
 53774-63-3 58581-89-8, Azelastine 59803-98-4, Brimonidine  
 69049-73-6, Nedocromil 74103-06-3, Ketorolac 79516-68-0, Levocabastine  
 87233-61-2, Emedastine 113806-05-6, Olopatadine 120279-96-1,  
 Dorzolamide 155206-00-1, Bimatoprost 157254-42-7, 1,3-PBITU  
 157283-68-6, Travoprost  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (ophthalmol. irrigation solns. and method)  
 IT 87233-61-2, Emedastine  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (ophthalmol. irrigation solns. and method)  
 RN 87233-61-2 HCPLUS  
 CN 1H-Benzimidazole, 1-(2-ethoxyethyl)-2-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)- (9CI) (CA INDEX NAME)



L39 ANSWER 13 OF 31 HCPLUS COPYRIGHT 2006 ACS on STN  
 AN 2004:269847 HCPLUS  
 DN 140:297534  
 TI Nitric oxide synthase inhibitor neuroprotective agents  
 IN Yalpani, Manssur  
 PA USA  
 SO U.S. Pat. Appl. Publ., 27 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004063612	A1	20040401	US 2003-672257	20030926
	WO 2004028548	A2	20040408	WO 2003-US30445	20030926
	WO 2004028548	A3	20040826		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003272719	A1	20040419	AU 2003-272719	20030926
PRAI	US 2002-414694P	P	20020926		
	WO 2003-US30445	W	20030926		
AB	The invention provides methods for treating neurodegenerative diseases with neuroprotective agents which inhibit nitric oxide synthase enzymes and in particular nitric oxide synthase III and can be used to treat Alzheimer's disease. Compds. of the invention include e.g. polyglutamate polymers, and arabinogalactan compds.				
IC	ICM A61K038-00				
	ICS C07K014-00				
INCL	514002000; 530300000				
CC	1-11 (Pharmacology)				
	Section cross-reference(s): 25, 27				
IT	50-49-7, Imipramine 50-60-2, Phentolamine 51-34-3, Scopolamine 51-55-8, Atropine, biological studies 52-49-3, Trihexyphenidyl hydrochloride 57-42-1, Meperidine 57-47-6, Physostigmine 59-96-1, Phenoxybenzamine 59-99-4, Neostigmine 60-46-8, Aminopentamide 69-23-8D, Fluphenazine, derivs. 75-04-7, Ethanamine, biological studies 76-99-3, Methadone 92-13-7, Pilocarpine 101-26-8, Pyridostigmine bromide 113-15-5, Ergotamine 113-45-1D, 2-Piperidineacetic acid, $\alpha$ -phenyl-, methyl ester, isomers 116-38-1, Edrophonium chloride 117-26-0, Bulan 117-89-5, Trifluoroperazine 122-39-4, Diphenylamine, biological studies 125-60-0, Fenpiverinium bromide 126-00-1, Diphenolic acid 129-03-3, Cyproheptadine 146-48-5, Yohimbine 147-20-6, Diphenylpyraline 147-24-0, Diphenhydramine hydrochloride 298-46-4, Carbamazepine 298-57-7, Cinnarizine 299-42-3, Ephedrine 303-49-1, Clomipramine 321-64-2, Tacrine 341-00-4, Etifelmin 439-14-5, Diazepam 446-72-0, Genistein 466-40-0, Isomethadone 467-83-4, Dipipanone 467-84-5, Phenadoxone 467-85-6, Normethadone 490-31-3, Robinetin 509-74-0, Methadyl acetate 517-43-1, Sennoside 525-66-6, Propranolol 530-78-9, Flufenamic acid 545-90-4, Dimepheptanol 561-48-8, Norpipanone 562-10-7 604-75-1, Oxazepam 642-58-0, Ethylbenzhydramine 846-49-1, Lorazepam 972-02-1, Diphenidol 1477-39-0, Noracymethadol 1477-40-3, Levomethadyl acetate 1668-19-5, Doxepin 1679-76-1, Drofenine 1841-19-6, Fluspirilene 1952-15-4 1953-04-4, Galanthamine hydrobromide 2062-78-4, Pimozide 2323-36-6, Deprenyl 2413-38-9, Flupentixol dihydrochloride 2610-05-1, Chicago Sky Blue 6B 3416-26-0, Lidoflazine 3540-95-2, Fenpirane 3614-30-0, Emepronium bromide 3810-83-1, Pentacyinium bis(methylsulfate) 4205-90-7, Clonidine 5627-46-3 6104-71-8, N-Desmethylclozapine 6888-11-5, Bietanautine 7429-90-5D, Aluminum, complexes 7439-89-6D, Iron, complexes 7439-89-6D, Iron, complexes with polyglutamic acid 7439-93-2D, Lithium, complexes 7439-95-4D, Magnesium, complexes 7439-96-5D, Manganese, complexes 7440-50-8D, Copper, complexes 7440-67-7D, Zirconium, complexes 7440-70-2D, Calcium, complexes				

7782-49-2D, Selenium, complexes 9000-01-5, Gum arabic 9036-66-2, Arabinogalactan 10540-29-1, Tamoxifen 13042-18-7, Fendiline 14611-51-9, Selegiline 15676-16-1, Sulpiride 16858-02-9, N,N,N',N'-Tetrakis-[(2-pyridylmethyl)ethylenediamine] 17692-34-1, Etodroxizine 19728-88-2, Methiothepin maleate 21535-47-7, Mianserin hydrochloride 22013-22-5 22254-24-6, Ipratropium bromide 23210-56-2, Ifenprodil 24991-23-9 25117-79-7, Isomethadol 25513-46-6, Polyglutamic acid 25614-03-3, Bromocriptine 26864-56-2, Penfluridol 29122-68-7, Atenolol 29679-58-1, Fenoprofen 29868-97-1, Pirenzepine dihydrochloride 33386-08-2, Buspirone hydrochloride 34580-14-8, Ketotifen fumarate 49746-04-5, Thiothixene hydrochloride 52468-60-7, Flunarizine 54187-04-1, Rilmenidine 54910-89-3, Fluoxetine 55890-27-2, Lupinifolin 55890-28-3, Lupinifolinol 57149-08-3, Naftopidil dihydrochloride 57265-65-3, Calmidazolum chloride 57653-27-7, Dronprenilamine 60525-15-7, Zimelidine dihydrochloride 60607-34-3, Oxatomide 64706-54-3, Bepridil 66104-22-1, Pergolide 66711-21-5, p-Aminoclonidine 67469-43-6 67469-57-2 67469-69-6 68047-06-3, 4-HydroxyTamoxifen 72300-72-2, 12-epi-Scalardial 72509-76-3, Felodipine 75558-90-6, Amperozide 75859-03-9, Rimcazole dihydrochloride 76778-22-8 79617-96-2, Sertraline 82413-20-5, Droxolifene 83799-24-0, Fexofenadine 83846-83-7, Ketanserin tartrate 83881-51-0, Cetirizine 85375-85-5 85721-33-1, Ciprofloxacin 86891-00-1 87051-43-2, Ritanserin 98774-23-3, N,N-Diethyl-2-[4-phenylmethyl] phenoxyethanamine) 107703-78-6 148914-10-7 172684-37-6 175276-10-5 211119-53-8 329912-91-6 383180-04-9 472976-57-1 676316-96-4 676316-97-5 676316-98-6 676316-99-7 676317-00-3 676317-01-4 676317-02-5 676317-03-6 676317-04-7 676317-05-8 676317-06-9 676317-07-0 676317-08-1 676317-09-2 676317-10-5

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(nitric oxide synthase inhibitor neuroprotective agents)

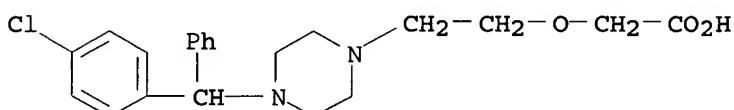
IT 83881-51-0, Cetirizine

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(nitric oxide synthase inhibitor neuroprotective agents)

RN 83881-51-0 HCAPLUS

CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]-(9CI) (CA INDEX NAME)



L39 ANSWER 14 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2004:120587 HCAPLUS

DN 140:157476

TI Use of a compound in providing refreshedness on waking and a method for the treatment of grogginess therewith

IN Sunderraj, Palaniswamy; Jones, Huw; Shephard, Adrian

PA The Boots Company Plc, UK

SO U.S. Pat. Appl. Publ., 24 pp., Cont.-in-part of U.S. Ser. No. 305,354. CODEN: USXXCO

DT Patent

LA English

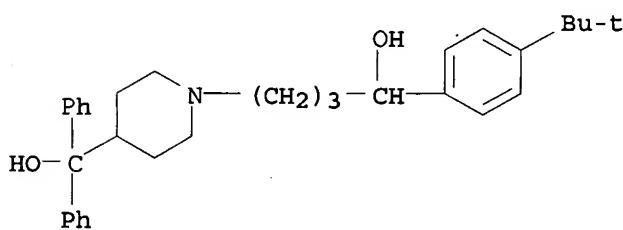
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004029927	A1	20040212	US 2003-448455	20030530
	US 2003134878	A1	20030717	US 2002-305354	20021127
	GB 2383537	A1	20030702	GB 2002-28045	20021202
	GB 2383537	B2	20031210		
	CN 1617723	A	20050518	CN 2002-827625	20021202
	ZA 2004004172	A	20050901	ZA 2004-4172	20040527
PRAI	GB 2001-28674	A	20011130		
	US 2002-305354	A2	20021127		
AB	There is disclosed the use of triprolidine for enabling an individual to wake refreshed after sleep and the method of treating such an individual with triprolidine. The triprolidine is administered shortly before a person wishes to fall asleep, preferably orally and most commonly in the form of a tablet containing less than 5 mg, e.g. 0.1 mg, 1.25 mg or 2.5 mg, of the active ingredient. The triprolidine is also effective in enabling an individual to sleep more easily. There is also disclosed such uses of, and methods of treating with, consumable films comprising triprolidine, and triprolidine in combination with at least one further active pharmaceutical agent, and consumable films comprising triprolidine in combination with at least one further active pharmaceutical agent.				
IC	ICM A61K031-4439				
INCL	514343000				
CC	1-11 (Pharmacology)				
	Section cross-reference(s) : 63				
IT	50-23-7, Hydrocortisone 50-23-7D, Hydrocortisone, salts or hydrates. 50-78-2, Aspirin 50-78-2D, Aspirin, salts or hydrates 53-86-1, Indomethacin 53-86-1D, Indomethacin, salts or hydrates 56-81-5, Glycerine, biological studies 56-81-5D, Glycerine, salts or hydrates 58-08-2, Caffeine, biological studies 58-08-2D, Caffeine, salts or hydrates 59-42-7, Phenylephrine 59-42-7D, Phenylephrine, salts or hydrates 73-31-4, Melatonin 73-31-4D, Melatonin, salts or hydrates 76-57-3, Codeine 76-57-3D, Codeine, salts or hydrates 89-83-8, Thymol 89-83-8D, Thymol, salts or hydrates 90-82-4, Pseudoephedrine 90-82-4D, Pseudoephedrine, salts or hydrates 93-14-1, Guaiphenesin 93-14-1D, Guaiphenesin, salts or hydrates 94-09-7, Benzocaine 94-09-7D, Benzocaine, salts or hydrates 103-90-2, Paracetamol 103-90-2D, Paracetamol, salts or hydrates 123-03-5, Cetylpyridinium chloride 123-03-5D, Cetylpyridinium chloride, salts or hydrates 125-71-3, Dextromethorphan 125-71-3D, Dextromethorphan, salts or hydrates 136-77-6, Hexylresorcinol 136-77-6D, Hexylresorcinol, salts or hydrates 137-58-6, Lidocaine 137-58-6D, Lidocaine, salts or hydrates 522-51-0, Dequalinium chloride 522-51-0D, Dequalinium chloride, salts or hydrates 525-66-6, Propranolol 525-66-6D, Propranolol, salts or hydrates 616-91-1, Acetylcysteine 616-91-1D, Acetylcysteine, salts or hydrates 638-23-3, Carbocisteine 638-23-3D, Carbocisteine, salts or hydrates 768-94-5, Amantadine 768-94-5D, Amantadine, salts or hydrates 1300-94-3, Amylmetacresol 1300-94-3D, Amylmetacresol, salts or hydrates 1490-04-6, Menthol 1490-04-6D, Menthol, salts or hydrates 4419-39-0, Beclomethasone 4419-39-0D, Beclomethasone, salts or hydrates 5104-49-4, Flurbiprofen 5104-49-4D, Flurbiprofen, salts or hydrates 8011-96-9, Calamine 8011-96-9D, Calamine, salts or hydrates 10102-43-9, Nitric oxide, biological studies 10102-43-9D, Nitric oxide, salts or hydrates 12041-76-8, Dichlorobenzyl alcohol 12041-76-8D, Dichlorobenzyl alcohol, salts or hydrates 13392-28-4, Rimantadine 13392-28-4D, Rimantadine, salts or hydrates 14838-15-4, Phenylpropanolamine 14838-15-4D, Phenylpropanolamine, salts or hydrates 15307-86-5, Diclofenac 15307-86-5D, Diclofenac, salts or hydrates 15687-27-1, Ibuprofen 15687-27-1D, Ibuprofen, salts or hydrates 18683-91-5, Ambroxol 18683-91-5D, Ambroxol, salts or hydrates				

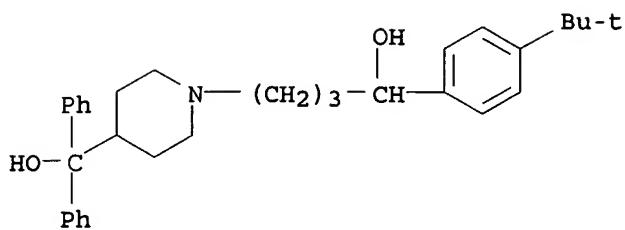
22071-15-4, Ketoprofen 22071-15-4D, Ketoprofen, salts or hydrates  
 22204-53-1, Naproxen 22204-53-1D, Naproxen, salts or hydrates  
 36791-04-5, Tribavirin 36791-04-5D, Tribavirin, salts or hydrates  
 39809-25-1, Penciclovir 39809-25-1D, Penciclovir, salts or hydrates  
 50679-08-8, Terfenadine 50679-08-8D, Terfenadine, salts  
 or hydrates 57808-66-9, Domperidone 57808-66-9D, Domperidone, salts or  
 hydrates 59277-89-3, Aciclovir 59277-89-3D, Aciclovir, salts or  
 hydrates 71125-38-7, Meloxicam 71125-38-7D, Meloxicam, salts or  
 hydrates 79794-75-5, Loratadine 79794-75-5D,  
 Loratadine, salts or hydrates 82410-32-0, Ganciclovir 82410-32-0D,  
 Ganciclovir, salts or hydrates 83799-24-0, Fexofenadine 83799-24-0D,  
 Fexofenadine, salts or hydrates 83881-51-0, Cetirizine  
 83881-51-0D, Cetirizine, salts or hydrates 87848-99-5,  
 Acrivastine 87848-99-5D, Acrivastine, salts or hydrates 89796-99-6,  
 Aceclofenac 89796-99-6D, Aceclofenac, salts or hydrates 103628-46-2,  
 Sumatriptan 103628-46-2D, Sumatriptan, salts or hydrates 104227-87-4,  
 Famciclovir 104227-87-4D, Famciclovir, salts or hydrates 121679-13-8,  
 Naratriptan 121679-13-8D, Naratriptan, salts or hydrates 124832-26-4,  
 Valaciclovir 124832-26-4D, Valaciclovir, salts or hydrates  
 139110-80-8, Zanamivir 139110-80-8D, salts or hydrates 139264-17-8,  
 Zolmitriptan 139264-17-8D, Zolmitriptan, salts or hydrates  
 144034-80-0, Rizatriptan 144034-80-0D, Rizatriptan, salts or hydrates  
 154323-57-6, Almotriptan 154323-57-6D, Almotriptan, salts or hydrates  
 196618-13-0, Oseltamivir 196618-13-0D, Oseltamivir, salts or hydrates  
 RL: BSU (Biological study, unclassified); PAC (Pharmacological activity);  
 THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (as further active agent; triprolidine and compns. in providing  
 refreshedness on waking and in treatment of grogginess)

IT 50679-08-8, Terfenadine 50679-08-8D, Terfenadine, salts  
 or hydrates 79794-75-5, Loratadine 79794-75-5D,  
 Loratadine, salts or hydrates 83881-51-0, Cetirizine  
 83881-51-0D, Cetirizine, salts or hydrates  
 RL: BSU (Biological study, unclassified); PAC (Pharmacological activity);  
 THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (as further active agent; triprolidine and compns. in providing  
 refreshedness on waking and in treatment of grogginess)

RN 50679-08-8 HCPLUS  
 CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-  
 (hydroxydiphenylmethyl)- (9CI) (CA INDEX NAME)

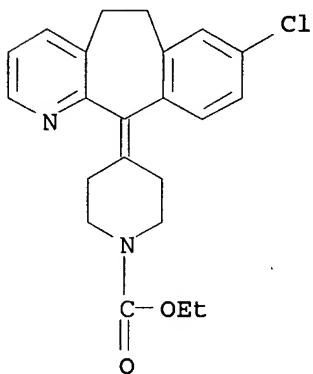


RN 50679-08-8 HCPLUS  
 CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-  
 (hydroxydiphenylmethyl)- (9CI) (CA INDEX NAME)



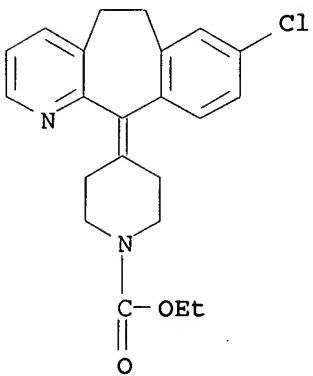
RN 79794-75-5 HCAPLUS

CN 1-Piperidinecarboxylic acid, 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-, ethyl ester (9CI) (CA INDEX NAME)



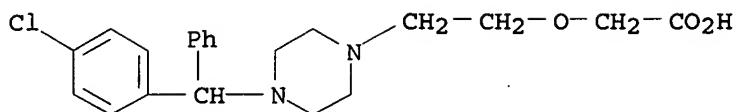
RN 79794-75-5 HCAPLUS

CN 1-Piperidinecarboxylic acid, 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-, ethyl ester (9CI) (CA INDEX NAME)



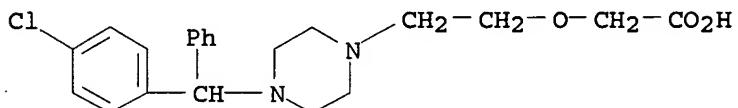
RN 83881-51-0 HCAPLUS

CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy] - (9CI) (CA INDEX NAME)



RN 83881-51-0 HCPLUS

CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]-(9CI) (CA INDEX NAME)



L39 ANSWER 15 OF 31 HCPLUS COPYRIGHT 2006 ACS on STN

AN 2004:68824 HCPLUS

DN 141:219127

TI Airway diffusing capacity of nitric oxide and steroid therapy in asthma  
AU Shin, Hye-Won; Rose-Gottron, Christine M.; Cooper, Dan M.; Newcomb, Robert L.; George, Steven C.

CS Departments of Biomedical Engineering, Chemical Engineering and Materials Science, University of California, Irvine, CA, 92697-2575, USA

SO Journal of Applied Physiology (2004), 96(1), 65-75  
CODEN: JAPHEV; ISSN: 8750-7587

PB American Physiological Society

DT Journal

LA English

AB Exhaled nitric oxide (NO) concentration is a noninvasive index for monitoring lung inflammation in diseases such as asthma. The plateau concentration at constant flow is highly dependent on the exhalation flow rate and the use of corticosteroids and cannot distinguish airway and alveolar sources. In subjects with steroid-naive asthma (n = 8) or steroid-treated asthma (n = 12) and in healthy controls (n = 24), the authors measured flow-independent NO exchange parameters that partition exhaled NO into airway and alveolar regions and correlated these with symptoms and lung function. The mean ( $\pm$ SD) maximum airway flux (pl/s) and airway tissue concentration [parts/billion (ppb)] of NO were lower in steroid-treated asthmatic

subjects compared with steroid-naive asthmatic subjects (1195 $\pm$ 836 pl/s and 143 $\pm$ 66 ppb compared with 2693 $\pm$ 1687 pl/s and 438 $\pm$ 312 ppb, resp.). In contrast, the airway diffusing capacity for NO (pl $\cdot$ s $\cdot$ 1 $\cdot$ ppb $\cdot$ 1) was elevated in both asthmatic groups compared with healthy controls, independent of steroid therapy (11.8 $\pm$ 11.7, 8.71 $\pm$ 5.74, and 3.13 $\pm$ 1.57 pl $\cdot$ s $\cdot$ 1 $\cdot$ ppb $\cdot$ 1 for steroid treated, steroid naive, and healthy controls, resp.). In addition, the airway diffusing capacity was inversely correlated with both forced expired volume in 1 s and forced vital capacity (%predicted), whereas the airway tissue concentration was pos. correlated with forced vital capacity. Consistent with previously reported results from Silkoff et al. that used an alternate technique, the authors conclude that the airway diffusing capacity for NO is elevated in asthma independent of steroid therapy and may reflect clin. relevant changes in airways.

CC 2-4 (Mammalian Hormones)

Section cross-reference(s): 1

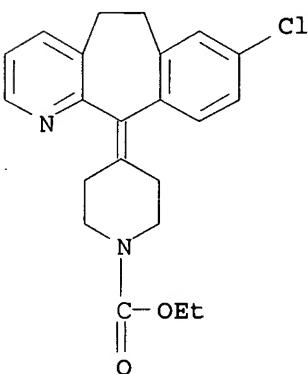
IT 51-43-4 53-03-2, Prednisone 124-94-7, Triamcinolone 3385-03-3,

Flunisolide 4419-39-0, Beclomethasone 18559-94-9, Albuterol 79794-75-5, Loratadine 80474-14-2, Flonase 89365-50-4, Salmeterol 90566-53-3, Fluticasone 107753-78-6, Zafirlukast 151767-02-1, Montelukast sodium  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (airway diffusing capacity of nitric oxide and steroid therapy in asthma)

IT 79794-75-5, Loratadine  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (airway diffusing capacity of nitric oxide and steroid therapy in asthma)

RN 79794-75-5 HCAPLUS

CN 1-Piperidinecarboxylic acid, 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-, ethyl ester (9CI) (CA INDEX NAME)



RE.CNT 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 16 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:991351 HCAPLUS

DN 140:23246

TI Combination treatments for purinoceptor-related disorders

IN Wilson, Constance N.; Sirgo, Mark A.

PA Endacea, Inc., USA

SO PCT Int. Appl., 43 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003103675	A2	20031218	WO 2003-US17964	20030606
	WO 2003103675	A3	20040325		
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,			

FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003237460 A1 20031222 AU 2003-237460 20030606

PRAI US 2002-386769P P 20020607  
 WO 2003-US17964 W 20030606

OS MARPAT 140:23246

AB The present invention provides methods of preventing and treating purinoceptor-related disorders comprising concurrently administering an A1 adenosine receptor antagonist or a P2x purinoceptor antagonist with an at least one addnl. active agent effective to treat purinoceptor-related disorders. The present invention also provides pharmaceutical formulations suitable for preventing and treating purinoceptor-related disorders. Blocking activation of purinergic receptors may be effective for the prevention and early treatment of allergic asthma (both bronchoconstriction and innflammation) without the side effects associated with many current therapies.

IC ICM A61K031-522

ICS A61K031-675; A61P009-00; A61P011-00

CC 1-9 (Pharmacology)

Section cross-reference(s): 63

IT 10102-43-9, Nitric oxide, biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 (blockers and scavengers; combination treatments for purinoceptor-related disorders)

IT 58-55-9, Theophylline, biological studies 69-89-6D, Xanthine, derivs.  
 260-94-6D, Acridine, derivs. 9004-10-8, Insulin, biological studies

59865-13-3, Cyclosporin 76901-00-3, Paf acetylhydrolase

83881-51-0, Cetirizine 89365-50-4, Salmeterol 90566-53-3,

Fluticasone 143011-72-7, Gcsf 194554-71-7, Tissue factor pathway  
 inhibitor 474877-20-8, Neutrophil inhibitory factor

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (combination treatments for purinoceptor-related disorders)

IT 9000-81-1, Acetylcholinesterase 9001-92-7, Protease 9015-82-1

9025-82-5, Phosphodiesterase 80619-02-9, 5-Lipoxygenase 125978-95-2,

Nitric oxide synthetase 140879-24-9, Proteasome 165245-96-5,

p38 Mapk 186322-81-6, Caspase

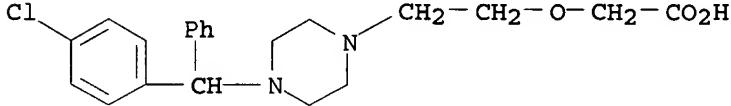
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 (inhibitors; combination treatments for purinoceptor-related disorders)

IT 83881-51-0, Cetirizine

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (combination treatments for purinoceptor-related disorders)

RN 83881-51-0 HCPLUS

CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]-  
 (9CI) (CA INDEX NAME)



L39 ANSWER 17 OF 31 HCPLUS COPYRIGHT 2006 ACS on STN

AN 2002:429542 HCPLUS

DN 137:11003

TI Chondroprotective/restorative compositions containing hyaluronic acid

IN Pierce, Scott W.

PA USA

SO U.S. Pat. Appl. Publ., 14 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002068718	A1	20020606	US 2001-967977	20011002
	US 6924273	B2	20050802		
	US 2005182022	A1	20050818	US 2005-95632	20050401
PRAI	US 2000-237838P	P	20001003		
	US 2001-967977	A1	20011002		

AB An oral composition based on hyaluronic acid or its salts and optionally a therapeutic drug is provided for treating or preventing osteoarthritis, joint effusion, joint inflammation and pain, synovitis, lameness, post-operative arthroscopic surgery, deterioration of proper joint function including joint mobility, the reduction or inhibition of metabolic activity of chondrocytes, the activity of enzymes that degrade cartilage, and the reduction or inhibition of the production of hyaluronic acid in a mammal.

Addnl., compns. containing hyaluronic acid, chondroitin sulfate and glucosamine sulfate in a paste formulation are also described which can be administered on their own or can be used as a feed additive for cats and dogs. For example, a composition contained (by weight) glucosamine sulfate 36%, chondroitin sulfate 4%, sodium hyaluronate 0.144%, manganese sulfate 0.144%, ibuprofen 200 mg, powdered sugar 20%, glycerin 0.7%, xanthan gum 0.2%, sodium benzoate 0.7%, citric acid 0.2%, molasses 23.5%, and water 14.4%.

IC ICM A61K031-715  
ICS A61K031-70

INCL 514054000

CC 63-6 (Pharmaceuticals)

Section cross-reference(s): 1, 17

IT 50-02-2 50-03-3, Hydrocortisone acetate 50-06-6, Phenobarbital, biological studies 50-13-5, Meperidine hydrochloride 50-21-5, Lactic acid, biological studies 50-23-7, Hydrocortisone 50-24-8, Prednisolone 50-33-9, Phenylbutazone, biological studies 50-78-2, Acetylsalicylic acid 50-78-2D, Acetylsalicylic acid, buffered 50-81-7, L-Ascorbic acid, biological studies 51-42-3, Epinephrine bitartrate 51-98-9, Norethindrone acetate 52-28-8, Codeine phosphate 53-03-2, Prednisone 53-86-1, Indomethacin 54-11-5, Nicotine 54-31-9, Furosemide 55-63-0, Nitroglycerin 56-75-7, Chloramphenicol 56-81-5, Glycerin, biological studies 57-11-4, Stearic acid, biological studies 57-27-2, Morphine, biological studies 57-33-0, Pentobarbital sodium 57-41-0, Phenytoin 57-55-6, Propylene glycol, biological studies 57-63-6, Ethinyl estradiol 58-08-2, Caffeine, biological studies 58-55-9, Theophylline, biological studies 58-85-5, Biotin 58-93-5, Hydrochlorothiazide 59-30-3, Folic acid, biological studies 59-43-8, Thiamine, biological studies 59-67-6, Niacin, biological studies 61-33-6, biological studies 61-68-7, Mefenamic acid 61-76-7, Phenylephrine hydrochloride 62-49-7, Choline 64-17-5, Ethanol, biological studies 64-19-7, Acetic acid, biological studies 64-75-5, Tetracycline hydrochloride 65-23-6, Pyridoxine 65-85-0, Benzoic acid, biological studies 67-63-0, Isopropanol, biological studies 67-68-5, Dimethyl sulfoxide, biological studies 67-71-0, Methylsulfonylmethane 68-04-2, Sodium citrate 68-19-9, Cyanocobalamin 68-22-4, Norethindrone 69-53-4, Ampicillin 69-72-7, Salicylic acid, biological studies 71-58-9, Medroxyprogesterone acetate 73-78-9, Lidocaine hydrochloride 76-22-2, Camphor 76-49-3, Bornyl acetate 76-57-3, Codeine 77-09-8, Phenolphthalein 77-41-8, Methylsuximide 77-92-9, Citric acid, biological studies 78-11-5,

Pentaerythritol tetranitrate 79-83-4 83-88-5, Riboflavin, biological studies 85-79-0, Dibucaine 87-67-2, Choline bitartrate, biological studies 87-89-8, myo-Inositol 88-04-0, Chloroxylenol 89-78-1, Menthol 90-64-2 93-14-1, Guaifenesin 93-60-7, Methyl nicotinate 94-09-7, Benzocaine 94-36-0, Benzoyl peroxide, biological studies 97-59-6, Allantoin 98-92-0, Niacinamide 100-97-0, Methenamine, biological studies 103-90-2, Acetaminophen 104-46-1, Anethole 108-46-3, Resorcinol, biological studies 108-95-2, Phenol, biological studies 112-38-9, Undecylenic acid 113-92-8, Chlorpheniramine maleate 114-07-8, Erythromycin 115-67-3, Paramethadione 117-10-2, Danthron 119-36-8, Methyl salicylate 119-61-9D, Benzophenone, derivs. 123-03-5, Cetylpyridinium chloride 124-94-7, Triamcinolone 125-69-9, Dextromethorphan hydrobromide 126-07-8, Griseofulvin 128-49-4, Docusate calcium 131-53-3, Dioxybenzone 131-57-7, Oxybenzone 132-20-7, Pheniramine maleate 134-31-6, 8-Hydroxyquinoline sulfate 136-77-6, Hexylresorcinol 137-58-6, Lidocaine 139-12-8, Aluminum acetate 140-65-8, Pramoxine 141-01-5, Ferrous fumarate 143-71-5, Hydrocodone bitartrate 144-55-8, Sodium bicarbonate, biological studies 147-24-0, Diphenhydramine hydrochloride 150-13-0, p-Aminobenzoic acid 152-11-4, Verapamil hydrochloride 152-43-2, Quinestrol 154-41-6, Phenylpropanolamine hydrochloride 156-51-4, Phenelzine sulfate 299-29-6, Ferrous gluconate 299-42-3, Ephedrine 302-79-4, Tretinoin 303-25-3, Cyclizine hydrochloride 318-98-9, Propranolol hydrochloride 321-64-2, Tacrine 345-78-8, Pseudoephedrine hydrochloride 395-28-8 439-14-5, Diazepam 443-48-1, Metronidazole 469-62-5, Propoxyphene 470-82-6, Eucalyptol 471-34-1, Calcium carbonate, biological studies 532-03-6, Methocarbamol 532-32-1, Sodium benzoate 546-93-0, Magnesium carbonate 550-70-9, Triprolidine hydrochloride 557-04-0, Magnesium stearate 557-08-4, Zinc undecylenate 562-10-7 577-11-7, Docusate sodium 603-50-9, Bisacodyl 614-39-1, Procainamide hydrochloride 637-07-0, Clofibrate 637-58-1, Pramoxine hydrochloride 644-62-2, Meclofenamic acid 723-46-6, Sulfamethoxazole 980-71-2, Bromopheniramine maleate 1218-35-5, Xylometazoline hydrochloride 1305-62-0, Calcium hydroxide, biological studies 1309-42-8, Magnesium hydroxide 1321-11-5, Aminobenzoic acid 1327-41-9, Aluminum chlorohydrate 1400-61-9, Nystatin 1403-66-3, Gentamicin 1404-90-6, Vancomycin 1405-10-3, Neomycin sulfate 1405-20-5, Polymyxin B sulfate 1405-41-0, Gentamycin sulfate 1405-87-4, Bacitracin 1406-16-2, Vitamin D 1406-18-4, Vitamin E 1639-60-7, Propoxyphene hydrochloride 1684-40-8, Tacrine hydrochloride 2391-03-9, Dexbrompheniramine maleate 2398-96-1, Tolnaftate 2955-38-6, Prazepam 3380-34-5, Triclosan 4205-90-7, Clonidine 4205-91-8, Clonidine hydrochloride 4499-40-5, Oxtriphylline, biological studies 5466-77-3, Octyl methoxycinnamate 5534-09-8, Beclomethasone dipropionate 5874-97-5, Metaproterenol sulfate 6385-02-0, Meclofenamate sodium 6740-88-1, Ketamine 7054-25-3, Quinidine gluconate 7280-37-7, Estropipate 7439-89-6, Iron, biological studies 7439-96-5, Manganese, biological studies 7440-50-8, Copper, biological studies 7440-66-6, Zinc, biological studies 7440-70-2, Calcium, biological studies 7447-40-7, Potassium chloride, biological studies 7460-12-0, Pseudoephedrine sulfate 7491-09-0, Docusate potassium 7553-56-2, Iodine, biological studies 7631-86-9, Silicon dioxide, biological studies 7647-14-5, Sodium chloride (NaCl), biological studies 7681-49-4, Sodium fluoride, biological studies 7704-34-9, Sulfur, biological studies 7720-78-7, Ferrous sulfate 7723-14-0, Phosphorus, biological studies 7733-02-0, Zinc sulfate 7757-79-1, Potassium nitrate, biological studies 7785-87-7, Manganese sulfate 8011-96-9, Calamine 8025-63-6 8050-81-5, Simethicone 8065-29-0, Liotrix 9004-10-8, Insulin, biological studies 9004-32-4, Sodium carboxymethyl cellulose 9004-67-5, Methyl cellulose 9005-25-8, Starch, biological studies 9006-65-9, Dimethicone

9036-19-5, Octoxynol 10163-15-2, Sodium monofluorophosphate  
 11041-12-6, Cholestyramine resin 11096-26-7, Erythropoietin  
 11099-07-3, Glyceryl stearate 11103-57-4, Vitamin A 11111-12-9D,  
 Cephalosporin, derivs. 11138-66-2, Xanthan gum 12001-76-2, Vitamin B  
 12001-79-5, Vitamin K 14362-31-3, Chlorcyclizine hydrochloride  
 14455-29-9, Aluminum carbonate 14663-23-1, Dantrium 14698-29-4,  
 Oxolinic acid 14838-15-4, Phenylpropanolamine 14987-04-3, Magnesium  
 trisilicate 15307-79-6, Diclofenac sodium 15686-71-2, Cephalexin  
 15687-27-1, Ibuprofen 17140-78-2, Propoxyphene napsylate 18472-51-0,  
 Chlorhexidine gluconate 18559-94-9, Albuterol 18917-89-0, Magnesium  
 salicylate 20830-75-5, Digoxin 21245-02-3, Padimate O 21645-51-2,  
 Aluminum hydroxide, biological studies 21829-25-4, Nifedipine  
 22204-53-1, Naproxen 22832-87-7, Miconazole nitrate  
 22839-47-0, Aspartame 24390-14-5, Doxycycline hydiate 25441-16-1  
 25812-30-0, Gemfibrozil 26027-38-3, Nonoxylnol-9 26159-34-2, Naproxen  
 sodium 26171-23-3, Tolmetin 26787-78-0, Amoxicillin 26921-17-5,  
 Timolol maleate 28911-01-5, Triazolam 28981-97-7, Alprozolam  
 29094-61-9, Glipizide 29122-68-7, Atenolol 29984-33-6, Vidarabine  
 phosphate 34552-84-6, Isoxicam

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (chondroprotective/restorative compns. containing hyaluronic acid for  
 treatment of joint disorders)

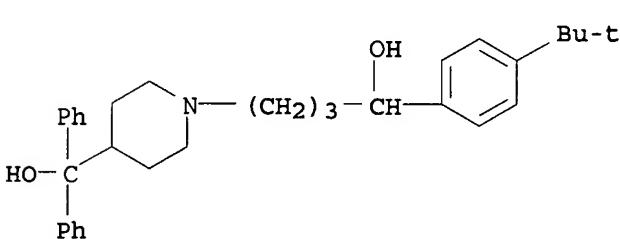
IT 34580-13-7, Ketotifen 36322-90-4, Piroxicam 36505-84-7, Buspirone  
 36653-82-4, Cetyl alcohol 37148-27-9, Clenbuterol 38304-91-5,  
 Minoxidil 42399-41-7, Diltiazem 42461-84-7, Flunixin Meglumine  
 50370-12-2, Cefadroxil 50679-08-8, Terfenadine 51022-70-9,  
 Albuterol sulfate 51264-14-3, Amsacrine 52128-35-5, Trimetrexate  
 52618-67-4, Tioperidone 53910-25-1, Pentostatin 53994-73-3, Cefaclor  
 56296-78-7, Fluoxetine hydrochloride 56392-17-7, Metoprolol tartrate  
 59729-33-8, Citalopram 60142-96-3, Gabapentin 62571-86-2, Captopril  
 66357-35-5, Ranitidine 68252-19-7, Pirmenol 68497-62-1, Pramiracetam  
 69198-10-3, Metronidazole hydrochloride 70059-30-2, Cimetidine  
 hydrochloride 72332-33-3, Procaterol 73590-58-6, Omeprazole  
 74011-58-8, Enoxacin 75330-75-5, Lovastatin 75847-73-3, Enalapril  
 76547-98-3, Lisinopril 80841-47-0, Amsalog 85441-61-8, Quinapril  
 88637-37-0, Diphenhydramine citrate 89197-32-0, Efaroxan 93107-08-5,  
 Ciprofloxacin hydrochloride 93390-81-9, Fosphenytoin 93738-40-0,  
 Ralitoline 96328-17-5, 2'-Chloropentostatin

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (chondroprotective/restorative compns. containing hyaluronic acid for  
 treatment of joint disorders)

IT 50679-08-8, Terfenadine  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (chondroprotective/restorative compns. containing hyaluronic acid for  
 treatment of joint disorders)

RN 50679-08-8 HCAPLUS

CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-  
 (hydroxydiphenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 18 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2002:353315 HCAPLUS

DN 136:374833

TI Inhalant composition containing tiotropium salts and antihistamines  
IN Pairet, Michel; Pieper, Michael Paul; Meade, Christopher John Montague;

PA Schmelzer, Christel

PA Boehringer Ingelheim Pharma Kg, Germany

SO PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 14

PATENT NO.

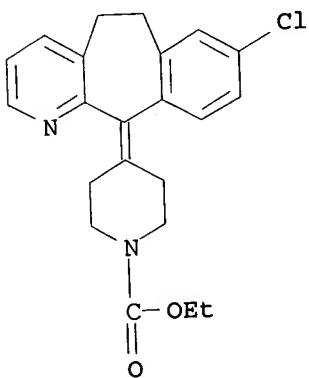
KIND DATE APPLICATION NO.

DATE

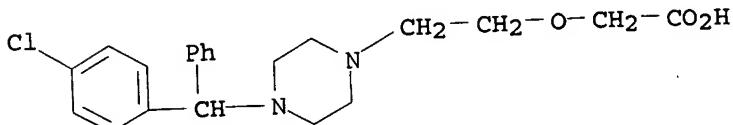
PI	WO 2002036163	A2	20020510	WO 2001-EP12510	20011023
	WO 2002036163	A3	20021212		
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10138272	A1	20030227	DE 2001-10138272	20010810
	CA 2436537	AA	20020510	CA 2001-2436537	20011023
	AU 2002014030	A5	20020515	AU 2002-14030	20011023
	EP 1341538	A2	20030910	EP 2001-982446	20011023
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2004512379	T2	20040422	JP 2002-538972	20011023
	US 2003181478	A1	20030925	US 2003-395777	20030324
	US 6890517	B2	20050510		
	US 2005147564	A1	20050707	US 2005-68134	20050228
PRAI	DE 2000-10054042	A	20001031		
	DE 2001-10138272	A	20010810		
	US 2000-253613P	P	20001128		
	WO 2001-EP12510	W	20011023		
	US 2001-40196	B1	20011025		
	US 2003-395777	A1	20030324		
AB	The invention relates to inhalant compns. based on tiotropium salts and antihistamines, a method for their production and their use for treating respiratory illnesses, e.g. allergic and non-allergic rhinitis. Thus and inhalation powder contained per microcapsule ( $\mu$ g): tiotropium bromide 21.7; epinastine-hydrochloride 200; lactose 4778.3.				
IC	ICM A61K045-00				
CC	63-6 (Pharmaceuticals)				
IT	Section cross-reference(s): 1 50-81-7, L-Ascorbic acid, biological studies 56-81-5, Glycerol, biological studies 57-55-6, Propylene glycol, biological studies 58-73-1, Diphenhydramine 60-00-4, EDTA, biological studies 60-87-7, Promethazine 64-17-5, Ethanol, biological studies 64-18-6, Formic acid, biological studies 64-19-7, Acetic acid, biological studies 65-85-0, Benzoic acid, biological studies 65-85-0D, Benzoic acid, salts 65-85-0, Benzoic acid, biological studies 74-84-0D, Ethane, halogenated 74-82-8D, Methane, halogenated derivs. 74-98-6, Propane, derivs. 74-98-6, Propane, biological studies 74-98-6D, Propane,				

halogenated derivs. 75-19-4D, Cyclopropane, halogenated derivs.  
 75-28-5, Isobutane 77-38-3, Chlorphenoxamine 77-92-9, Citric acid,  
 biological studies 79-09-4, Propionic acid, biological studies  
 86-21-5, Pheniramine 106-97-8, Butane, biological studies 106-97-8D,  
 Butane, halogenated derivs. 110-15-6, Succinic acid, biological studies  
 110-16-7, Maleic acid, biological studies 110-17-8, Fumaric acid,  
 biological studies 123-03-5, Cetylpyridinium chloride 139-33-3  
 287-23-0D, Cyclobutane, halogenated derivs. 431-89-0, TG 227 469-21-6,  
 Doxylamine 523-87-5, Dimenhydrinate 526-83-0, Tartaric acid  
 569-65-3, Meclozine 811-97-2, TG 134a 1406-18-4, Vitamin E  
 4945-47-5, Bamipine 5636-83-9, Dimetindene 6915-15-7, Malic acid  
 7647-01-0, Hydrochloric acid, biological studies 7664-93-9, Sulfuric  
 acid, biological studies 7697-37-2, Nitric acid, biological  
 studies 10035-10-6, Hydrobromic acid, biological studies 11103-57-4,  
 Vitamin A 15686-51-8, Clemastine 25322-68-3, Polyethylene glycol  
 25322-69-4, Polypropylene glycol 34580-13-7, Ketotifen 58581-89-8,  
 Azelastine 79516-68-0, Levocabastine 79794-75-5, Loratadine  
 80012-43-7, Epinastine 83799-24-0, Fexofenadine 83881-51-0,  
 Cetirizine 87233-61-2, Emedastine 90729-43-4, Ebastine  
 100643-71-8, Desloratadine 108612-45-9, Mizolastine 108929-04-0,  
 Epinastine hydrochloride 136310-93-5, Tiotropium bromide 186691-13-4D,  
 Tiotropium, salts 412010-60-7 412010-61-8 412010-62-9 412010-63-0  
 412010-64-1  
DIAGNOSTIC (Therapeutic use); BIOL (Biological study); USES (Uses)

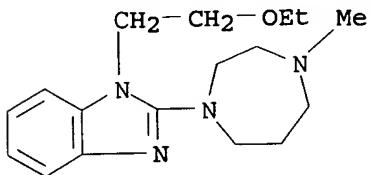
IT RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (inhaletal composition containing tiotropium salts and antihistamines)  
 79794-75-5, Loratadine 83881-51-0, Cetirizine  
 87233-61-2, Emedastine  
 RN RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (inhaletal composition containing tiotropium salts and antihistamines)  
 79794-75-5 HCPLUS  
 CN 1-Piperidinecarboxylic acid, 4-(8-chloro-5,6-dihydro-11H-  
 benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-, ethyl ester (9CI) (CA  
 INDEX NAME)



RN 83881-51-0 HCAPLUS  
CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]-  
(9CI) (CA INDEX NAME)



RN 87233-61-2 HCAPLUS  
 CN 1H-Benzimidazole, 1-(2-ethoxyethyl)-2-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)- (9CI) (CA INDEX NAME)



L39 ANSWER 19 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 2001:237832 HCAPLUS

DN 134:242717

TI Cold medications containing emedastine and acetaminophen or ibuprofen

IN Okudaira, Ichiro; Takenaga, Takaaki

PA Taisho Pharmaceutical Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 6 pp.

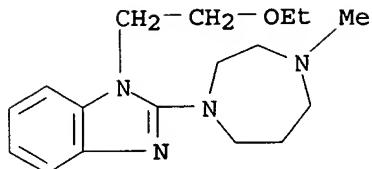
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001089375	A2	20010403	JP 1999-264942	19990920
PRAI	JP 1999-264942		19990920		
AB	This invention relates to compns. for the treatment of common cold containing (1) emedastine or its salts and (2) acetaminophen or ibuprofen. The compns. are especially effective for opening of nasal obstruction from rhinitis.				
	Tablets (200 mg each) were prepared containing ibuprofen 600, noscapine 48, dihydrocodeine phosphate 24, emedastine fumarate 1, ambroxol hydrochloride 45, phenylpropanolamine 60, theophylline 150, lysozyme hydrochloride 90, caffeine 75, vitamin B1 nitrate 8, vitamin B2 4, lactose 300, microcryst. cellulose 275, hydroxypropyl cellulose 100, Mg stearate 10, and hydrogenated castor oil 10 g.				
IC	ICM A61K031-551 ICS A61P011-02; A61P029-00; A61K031-551; A61K031-165; A61K031-192				
CC	63-6 (Pharmaceuticals)				
IT	Section cross-reference(s): 1				
IT	103-90-2, Acetaminophen 15687-27-1, Ibuprofen 87233-61-2, Emedastine 87233-62-3 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)				
IT	(cold medications containing emedastine and acetaminophen or ibuprofen)				
IT	87233-61-2, Emedastine RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)				
IT	(cold medications containing emedastine and acetaminophen or ibuprofen)				
RN	87233-61-2 HCAPLUS				
CN	1H-Benzimidazole, 1-(2-ethoxyethyl)-2-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)- (9CI) (CA INDEX NAME)				



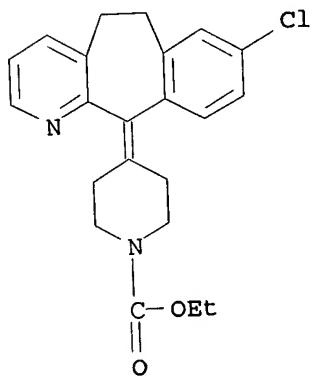
L39 ANSWER 20 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2001:137011 HCAPLUS  
 DN 134:198078  
 TI Formation of nanometer-scale structures comprising calixarene, co-ligand and metal ion  
 IN Atwood, Jerry L.  
 PA USA  
 SO PCT Int. Appl., 19 pp.  
 CODEN: PIIXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001012177	A1	20010222	WO 2000-US22209	20000811
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2380892	AA	20010222	CA 2000-2380892	20000811
EP 1214066	A1	20020619	EP 2000-955500	20000811
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
US 6495669	B1	20021217	US 2000-637221	20000811
PRAI US 1999-148610P	P	19990812		
WO 2000-US22209	W	20000811		
AB Amphiphilic, polyhedron-shaped p-sulfonatocalix[4]arene building blocks, which have been shown previously to assemble into bilayers in an antiparallel fashion, assemble in a parallel alignment into spherical and helical tubular structures on the addition of pyridine N-oxide and lanthanide ions. The addition of greater amts. of pyridine N-oxide changed the curvature of the assembling surface and led to the formation of extended tubules. The inventive compns. and methods are useful for drug delivery and construction of nano-devices.				
IC ICM A61K031-185				
ICS A61K031-195; A61K031-05				
CC 63-6 (Pharmaceuticals)				
Section cross-reference(s): 75				
IT 1069-66-5, Sodium valproate 3251-23-8, Copper dinitrate 10022-31-8, Barium nitrate 34911-55-2, Bupropion 60142-96-3, Gabapentin 79794-75-5, Loratadine 83799-24-0, Fexofenadine 153439-40-8, Fexofenadine hydrochloride				
RL: PEP (Physical, engineering or chemical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)				
(formation of nanometer-scale structures comprising calixarene, co-ligand and metal ion)				

IT 62-53-3, Aniline, reactions 98-95-3, Nitrobenzene, reactions 108-95-2, Phenol, reactions 694-59-7, Pyridine N-oxide 1613-37-2, Quinoline N-oxide 7439-91-0, Lanthanum, reactions 7440-43-9, Cadmium, reactions 7440-50-8, Copper, reactions 7440-65-5, Yttrium, reactions 7440-70-2, Calcium, reactions 10099-59-9, Lanthanum trinitrate 10124-37-5, Calcium nitrate 10325-94-7, Cadmium dinitrate 10361-93-0, Yttrium trinitrate 116888-13-2  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (formation of nanometer-scale structures comprising calixarene, co-ligand and metal ion)

IT 79794-75-5, Loratadine  
 RL: PEP (Physical, engineering or chemical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)  
 (formation of nanometer-scale structures comprising calixarene, co-ligand and metal ion)

RN 79794-75-5 HCPLUS  
 CN 1-Piperidinecarboxylic acid, 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-, ethyl ester (9CI) (CA INDEX NAME)



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 21 OF 31 HCPLUS COPYRIGHT 2006 ACS on STN

AN 2000:725436 HCPLUS

DN 133:301171

TI Compositions and methods for improved delivery of ionizable hydrophobic therapeutic agents

IN Chen, Feng-jing; Patel, Manesh V.

PA Lipocene, Inc., USA

SO PCT Int. Appl., 99 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000059475	A1	20001012	WO 2000-US7342	20000316
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,  
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,  
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6383471 B1 20020507 US 1999-287043 19990406  
 CA 2366702 AA 20001012 CA 2000-2366702 20000316  
 EP 1165048 A1 20020102 EP 2000-916547 20000316

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO

PRAI US 1999-287043 A 19990406  
 WO 2000-US7342 W 20000316

AB The present invention is directed to a pharmaceutical composition including a hydrophobic therapeutic agent having at least one ionizable functional group, and a carrier. The carrier includes an ionizing agent capable of ionizing the functional group, a surfactant, and optionally solubilizers, triglycerides, and neutralizing agents. The invention further relates to a method of preparing such compns. by providing a composition of an ionizable hydrophobic therapeutic agent, an ionizing agent, and a surfactant, and neutralizing a portion of the ionizing agent with a neutralizing agent. The compns. of the invention are particularly suitable for use in oral dosage forms. A carrier containing concentrated phosphoric acid 0.025,

Tween-20 0.3, Arlacel 186 0.2, sodium taurocholate 0.15, propylene glycol 0.3 g was formulated. Itraconazole was included in the carrier at 30 mg/mL for testing the stability of the itraconazole solution upon dilution in simulated gastric fluid.

IC ICM A61K009-14  
 ICS A61K009-48; A61K009-64; A61K009-66; A01N025-00

CC 63-6 (Pharmaceuticals)  
 IT 2998-57-4, Estramustine 3056-17-5, Stavudine 3116-76-5, Dicloxacillin 3239-44-9, Dexfenfluramine 3737-09-5, Disopyramide 4117-33-3, Lysine ethyl ester 4342-03-4, Dacarbazine 4759-48-2, Isotretinoin 5002-47-1, Fluphenazine decanoate 5036-02-2, Tetramisole 5051-62-7, Guanabenz 5104-49-4, Flurbiprofen 5306-85-4, Dimethyl isosorbide 5588-33-0, Mesoridazine 5633-20-5, Oxybutynin 5786-21-0, Clozapine 6452-71-7, Oxprenolol 6493-05-6, Pentoxifylline 6506-37-2, Nimorazole 7087-68-5, Diisopropylethylamine 7261-97-4, Dantrolene 7416-34-4, Molindone 7647-01-0, Hydrochloric acid, biological studies 7664-38-2, Phosphoric acid, biological studies 7664-38-2D, Phosphoric acid, esters, biological studies 7664-93-9, Sulfuric acid, biological studies 7681-93-8, Natamycin 7689-03-4, Camptothecin 7697-37-2, Nitric acid, biological studies 7778-53-2, Potassium phosphate 8007-43-0, Sorbitan sesquioleate 8045-34-9, Pentaerythritol stearate 9002-92-0, Polyoxyethylene lauryl ether 9002-93-1 9002-96-4, D- $\alpha$ -Tocopheryl polyethylene glycol succinate 9004-74-4, Methoxy polyethylene glycol 9004-95-9, Polyethylene glycol cetyl ether 9004-98-2, Polyoxyethylene oleyl ether 9004-99-3, Myrj 51 9005-00-9, Polyoxyethylene stearyl ether 9005-08-7, Polyethylene glycol distearate 9005-32-7, Alginic acid 9005-64-5, Polysorbate 20 9005-65-6, Polysorbate 80 9005-66-7, Tween 40 9005-67-8, Tween 60 9007-48-1, Polyglyceryl oleate 9011-21-6 9011-29-4 9014-67-9, Aloxiprin 9016-45-9 9062-73-1, Polyethylene glycol sorbitan laurate 9062-90-2, Polyethylene glycol sorbitan oleate 10034-85-2, Hydriodic acid 10035-10-6, Hydrobromic acid, biological studies 10043-35-3, Boric acid, biological studies 10238-21-8 10262-69-8, Maprotiline 10457-90-6, Bromperidol 10540-29-1, Tamoxifen 11140-04-8, Imwitor 988 12633-72-6, Amphotericin 12772-47-3, Pentaerythritol oleate 13292-46-1, Rifampin 13392-28-4, Rimantadine 13523-86-9 13655-52-2, Alprenolol 14028-44-5, Amoxapine 14611-51-9, Selegiline 14808-79-8, Sulfate, biological studies 15307-86-5, Diclofenac 15574-96-6, Pizotifen 15676-16-1, Sulpiride 15686-51-8, Clemastine 15686-71-2, Cephalexin 15686-83-6, Pyrantel

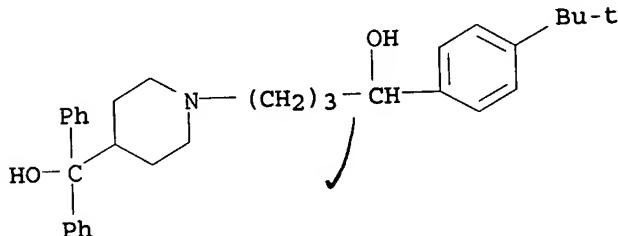
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 Prazosin 19387-91-8, Tinidazole 19794-93-5, Trazodone 20594-83-6,  
 Nalbuphine 21187-98-4, Gliclazide 21256-18-8, Oxaprozin 21645-51-2,  
 Aluminum hydroxide, biological studies 21738-42-1, Oxamniquine  
 21829-25-4, Nifedipine 22071-15-4, Ketoprofen 22131-79-9, Alclofenac  
 22204-53-1 22232-71-9, Mazindol 22494-42-4, Diflunisal 22882-95-7,  
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 23593-75-1, Clotrimazole 24219-97-4, Mianserin 25339-99-5, Sucrose  
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 25637-84-7, Glyceryl dioleate 25637-97-2, Sucrose dipalmitate  
 25812-30-0, Gemfibrozil 25953-19-9, Cefazolin 26097-80-3, Cambendazole  
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 Sorbitan trioleate 26402-22-2, Glyceryl monocaprate 26402-26-6,  
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 Tramadol 27220-47-9, Econazole 27321-96-6, Polyethylene glycol  
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 28657-80-9, Cinoxacin 28911-01-5, Triazolam 28981-97-7, Alprazolam  
 29094-61-9, Glipizide 29122-68-7, Atenolol 29679-58-1, Fenoprofen  
 29767-20-2, Teniposide 30299-08-2, Clinofibrate 30909-51-4,  
 Flupentixol decanoate 31431-39-7, Mebendazole 31692-85-0, Glycofurool  
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 37321-62-3, Lauroglycol FCC 37517-30-9, Acebutolol 38194-50-2,  
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 Magnesium aluminum hydroxide 41340-25-4, Etodolac 41859-67-0,  
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 52081-33-1, Mitomycins 52468-60-7, Flunarizine 52504-24-2, Softigen  
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 67227-56-9, Fenoldopam 67352-02-7 67915-31-5, Terconazole  
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72803-02-2, Darodipine 73590-58-6, Omeprazole 74011-58-8, Enoxacin  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (pharmaceutical compns. containing hydrophobic therapeutic agents and  
 carriers containing ionizing agents and surfactants and triglycerides)

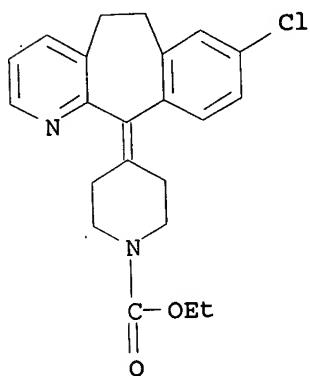
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 Cetirizine 83905-01-5, Azithromycin 84057-84-1, Lamotrigine  
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 Trovafloxacin 150372-93-3, Glycerox L 150378-17-9, Indinavir  
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 Ritonavir 156259-68-6, Capmul MCM 158747-02-5, Frovatriptan  
 158966-92-8, Montelukast 159989-64-7, Nelfinavir 161814-49-9,  
 Amprenavir 169590-42-5, Celecoxib 185069-68-5, Polyglyceryl oleate  
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 IT 50679-08-8, Terfenadine 79794-75-5, Loratadine  
 83881-51-0, Cetirizine  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (pharmaceutical compns. containing hydrophobic therapeutic agents and  
 carriers containing ionizing agents and surfactants and triglycerides)

IT 83881-51-0, Cetirizine  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (pharmaceutical compns. containing hydrophobic therapeutic agents and  
 carriers containing ionizing agents and surfactants and triglycerides)

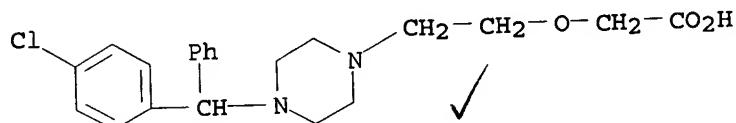
RN 50679-08-8 HCPLUS  
 CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-(hydroxydiphenylmethyl)- (9CI) (CA INDEX NAME)



RN 79794-75-5 HCPLUS  
 CN 1-Piperidinecarboxylic acid, 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-, ethyl ester (9CI) (CA INDEX NAME)



RN 83881-51-0 HCPLUS  
 CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]- (9CI) (CA INDEX NAME)



RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 22 OF 31 HCPLUS COPYRIGHT 2006 ACS on STN  
 AN 2000:467815 HCPLUS

DN 133:94533  
 TI Nonsedating formulations for allergic rhinitis which possess  
 antihistaminic and anticholinergic activity

IN Weinstein, Robert E.; Weinstein, Allan M.

PA USA

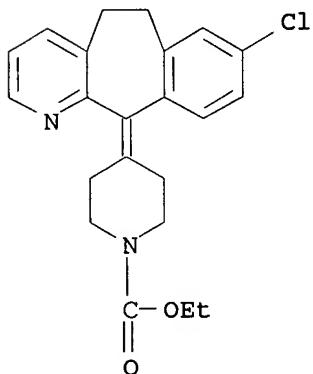
SO U.S., 3 pp.  
 CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6086914	A	20000711	US 1999-267809	19990312
PRAI	US 1999-267809		19990312		
AB	<p>It is perceived that the newer antihistamines, which have been developed so as to be less sedating relative to the "first generation" antihistamines, possess diminished anticholinergic effects on rhinorrhea, compared to first-generation antihistamines. It is also perceived that no oral medicinal formulation is presently available for treatment of allergic rhinitis that provides both antihistaminic and anticholinergic actions and is unlikely to produce sedation. This invention provides such a formulation. The following are examples of proposed non-sedating antihistamine formulations that restore the anticholinergic action forfeited by second-generation antihistamines. The oral dosage forms may include loratadine and methscopolamine <b>nitrate</b>; fexofenadine·HCl and glycopyrrolate; loratadine and glycopyrrolate; fexofenadine·HCl and atropine sulfate; loratadine and atropine sulfate; cetirizine·HCl and methscopolamine <b>nitrate</b>.</p>				
IC	ICM A61K009-14				
	ICS A61K009-20; A61K009-48				
INCL	424451000				
CC	63-6 (Pharmaceuticals)				
IT	55-48-1, Atropine sulfate 596-51-0, Glycopyrrolate 6106-46-3, Methscopolamine <b>nitrate</b> 79794-75-5, Loratadine 83881-52-1, Cetirizine hydrochloride 153439-40-8, Fexofenadine hydrochloride				
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)				
	(nonsedating oral formulations for allergic rhinitis which possess antihistaminic and anticholinergic activity)				
IT	79794-75-5, Loratadine				
	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)				
	(nonsedating oral formulations for allergic rhinitis which possess antihistaminic and anticholinergic activity)				
RN	79794-75-5 HCPLUS				
CN	1-Piperidinecarboxylic acid, 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-, ethyl ester (9CI) (CA INDEX NAME)				



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 23 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN  
AN 2000:98496 HCAPLUS  
DN 132:156849  
TI Nitric esters and nitrate salts of specific drugs  
IN Del Soldato, Piero  
PA Nicox S.A., Fr.  
SO PCT Int. Appl., 34 pp.  
CODEN: PIXXD2

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000006531	A2	20000210	WO 1999-EP5171	19990720
	WO 2000006531	A3	20000615		
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
IT	1303671	B1	20010223	IT 1998-MI1743	19980728
CA	2338854	AA	20000210	CA 1999-2338854	19990720
AU	9952857	A1	20000221	AU 1999-52857	19990720
AU	770313	B2	20040219		
BR	9912375	A	20010417	BR 1999-12375	19990720
EP	1098870	A2	20010516	EP 1999-938300	19990720
EP	1098870	B1	20051026		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP	2002521468	T2	20020716	JP 2000-562338	19990720
RU	2254330	C2	20050620	RU 2001-102262	19990720
AT	307796	E	20051115	AT 1999-938300	19990720
ZA	2001000457	A	20020116	ZA 2001-457	20010116
US	6410791	B1	20020625	US 2001-743808	20010122
US	2003028026	A1	20030206	US 2002-151955	20020522
US	6828342	B2	20041207		
US	2004132744	A1	20040708	US 2003-736688	20031217
AU	2004201457	A1	20040506	AU 2004-201457	20040407
PRAI	IT 1998-MI1743	A	19980728		
	WO 1999-EP5171	W	19990720		
	US 2000-734808	A3	20001212		
	US 2002-151955	A3	20020522		

AB Nitric acid salts with drugs are prepared and are active in respiratory system pathol. treatment. E.g., dextromethorphan and dextrorphan nitrate salts were prepared and these salts are more potent antitussive agents than the corresponding hydrochlorides.

IC ICM C07C215-56  
ICS C07D295-088; C07D295-205; C07D403-04; C07D491-052; C07C215-44;  
C07C211-49; C07D471-00; C07D233-94; C07D213-86; C07H017-08;  
C07D473-18; C07D241-24; A61K031-33; A61K031-135

CC 63-6 (Pharmaceuticals)

Section cross-reference(s): 1  
IT 5313-38-2P 257612-88-7P 257612-89-8P 257612-90-1P  
257612-91-2P 257612-92-3P 257612-93-4P 257612-94-5P  
257612-95-6P 257612-96-7P 257612-97-8P 257612-98-9P 257613-01-7P

257613-02-8P 257613-03-9P 257613-04-0P  
 RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL  
 (Biological study); PREP (Preparation); USES (Uses)  
 (drug nitrate salts preparation for treatment of respiratory disease  
 treatment)

IT 257612-89-8P 257612-90-1P 257612-91-2P

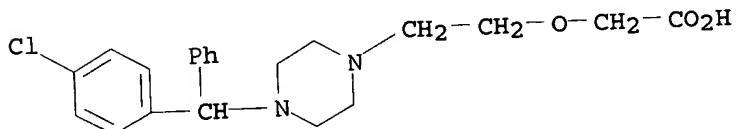
257612-92-3P  
 RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL  
 (Biological study); PREP (Preparation); USES (Uses)  
 (drug nitrate salts preparation for treatment of respiratory disease  
 treatment)

RN 257612-89-8 HCPLUS

CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]-,  
 nitrate (9CI) (CA INDEX NAME)

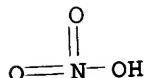
CM 1

CRN 83881-51-0  
 CMF C21 H25 Cl N2 O3



CM 2

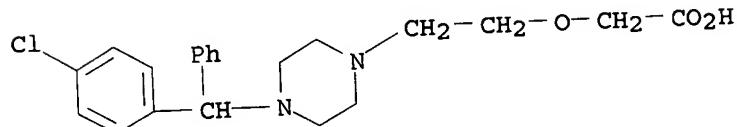
CRN 7697-37-2  
 CMF H N O3



RN 257612-90-1 HCPLUS  
 CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]-,  
 mononitrate (9CI) (CA INDEX NAME)

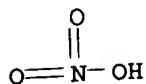
CM 1

CRN 83881-51-0  
 CMF C21 H25 Cl N2 O3



CM 2

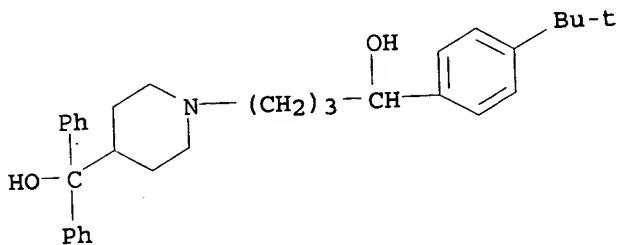
CRN 7697-37-2  
 CMF H N O3



RN 257612-91-2 HCPLUS  
 CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-(hydroxydiphenylmethyl)-, nitrate (salt) (9CI) (CA INDEX NAME)

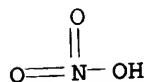
CM 1

CRN 50679-08-8  
 CMF C32 H41 N O2



CM 2

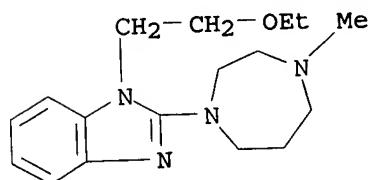
CRN 7697-37-2  
 CMF H N O3



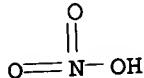
RN 257612-92-3 HCPLUS  
 CN 1H-Benzimidazole, 1-(2-ethoxyethyl)-2-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)-, nitrate (9CI) (CA INDEX NAME)

CM 1

CRN 87233-61-2  
 CMF C17 H26 N4 O

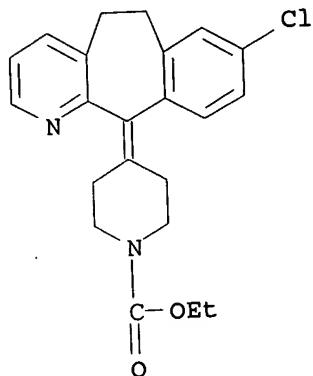


CM 2

CRN 7697-37-2  
CMF H N O3

L39 ANSWER 24 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1999:707265 HCAPLUS  
 DN 131:306947  
 TI Left ventricular chamber function during inhaled nitric oxide in patients with dilated cardiomyopathy  
 AU Hayward, Christopher S.; Kalnins, Wally V.; Rogers, Peter; Feneley, Michael P.; Macdonald, Peter S.; Kelly, Raymond P.  
 CS Cardiology Department, St. Vincent's Hospital, Darlinghurst, Australia  
 SO Journal of Cardiovascular Pharmacology (1999), 34(5), 749-754  
 CODEN: JCPCDT; ISSN: 0160-2446  
 PB Lippincott Williams & Wilkins  
 DT Journal  
 LA English  
 AB Inhaled nitric oxide is a potent and selective pulmonary vasodilator. However, when used in patients with congestive cardiac failure, the decrease in pulmonary vascular resistance is associated with an increase in pulmonary capillary wedge pressure (PCWP). This study examined load-independent indexes of left ventricular chamber function during inhaled nitric oxide in 10 patients with dilated cardiomyopathy (mean ejection fraction,  $30.2 \pm 7.8\%$ , mean  $\pm$  SD). Etiol. of cardiomyopathy was idiopathic in six and ischemic in four. Pulmonary hemodynamics in seven patients revealed normal resting pulmonary vascular resistance. Chamber function was defined by recording pressure-volume loops at steady state and during inferior vena caval occlusion during inhalation of 20 ppm nitric oxide for 10 min. We found no effect of inhaled nitric oxide on steady-state left ventricular pressures, vols., contractility (end-systolic elastance or preload recruitable stroke work), contraction duration, or active ( $\tau$ ,  $dP/dt_{min}$ ) or passive (end-diastolic pressure-volume relation) diastolic function. Right heart filling pressures did not change. We therefore conclude that 20 ppm inhaled nitric oxide does not affect left ventricular chamber function in patients with controlled heart failure. Previously described elevations in PCWP during inhaled nitric oxide are most likely due to altered left ventricular loading conditions related to secondary pulmonary hypertension in severe heart failure.  
 CC 1-8 (Pharmacology)  
 IT 846-49-1, Lorazepam 1951-25-3, Amiodarone 10102-43-9, Nitric oxide, biological studies 20830-75-5, Digoxin 79794-75-5, Loratadine  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (left ventricular chamber function during inhaled nitric oxide in patients with dilated cardiomyopathy)  
 IT 79794-75-5, Loratadine  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (left ventricular chamber function during inhaled nitric oxide in patients with dilated cardiomyopathy)  
 RN 79794-75-5 HCAPLUS

CN 1-Piperidinecarboxylic acid, 4-(8-chloro-5,6-dihydro-11H-  
benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-, ethyl ester (9CI) (CA  
INDEX NAME)



RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 25 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 1999:651170 HCAPLUS

DN 131:317483

TI Effects of anti-inflammatory drugs upon nitrate and myeloperoxidase levels in the mouse pleurisy induced by carrageenan

AU Saleh, Tania Silvia Frode; Calixto, Joao Batista; Medeiros, Yara Santos  
CS Department of Pharmacology, Center of Biological Sciences, Universidade  
Federal de Santa Catarina, Florianopolis, 88015-420, Brazil

SO Peptides (New York) (1999), 20(8), 949-956

CODEN: PPTDD5; ISSN: 0196-9781

PB Elsevier Science Inc.

DT Journal

LA English

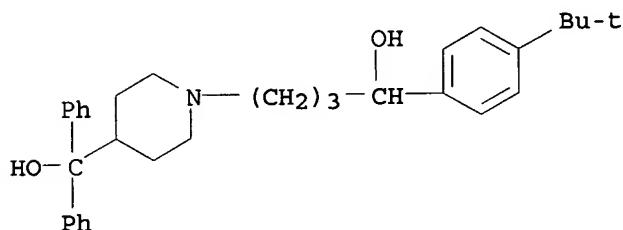
AB The effects of terfenadine, HOE-140, NPC-17731, diacerein, indometacin, meloxicam, nabumetone, and dexamethasone on myeloperoxidase and nitrate levels were analyzed in a mouse pleurisy inflammation model characterized by biphasic peaks (4 and 48 h) of cell migration and fluid leakage. Myeloperoxidase levels were higher only in the first phase (4 h; median and range 537.5 and 323.6-683.7 μU/mL), whereas increased mean nitrate levels were detected in both phases (4 h: 19.0 and 6.2-32 μM; 48 h: 13.7 and 8.9-17.8 μM). The enhancement of both cell migration and myeloperoxidase levels at 4 h after pleurisy induction was effectively inhibited by all studied drugs. The drugs (except diacerein) also inhibited exudation. Nabumetone and diacerein also decreased the nitrate levels. In the second phase (48 h), dexamethasone, diacerein, and terfenadine decreased either cell migration or exudation, but no drug changed the levels of nitrate. Thus, the degree of inhibition of the parameters studied by the tested drugs do not correlate.

CC 1-7 (Pharmacology)  
IT 50-02-2, Dexamethasone 53-86-1, Indomethacin 13739-02-1, Diacerein  
42924-53-8, Nabumetone 50679-08-8, Terfenadine 71125-38-7,  
Meloxicam 138614-30-9, Hoe 140 147267-10-5, Npc 17731  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); BIOL (Biological study)  
(antiinflammatory drugs effects on nitrate and  
myeloperoxidase levels in pleurisy induced by carrageenan in mice)

IT 50679-08-8, Terfenadine

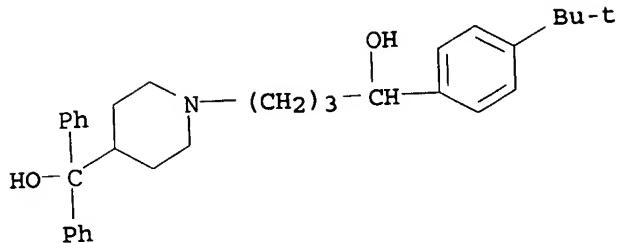
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)  
 (antiinflammatory drugs effects on nitrate and myeloperoxidase levels in pleurisy induced by carrageenan in mice)

RN 50679-08-8 HCPLUS  
 CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-(hydroxydiphenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 26 OF 31 HCPLUS COPYRIGHT 2006 ACS on STN  
 AN 1999:399281 HCPLUS  
 DN 131:78528  
 TI In-process control and process parametric assessment of isosorbide 5-mononitrate pharmaceuticals  
 AU Novakovic, Jasmina; Nova, Hana; Filka, Karel  
 CS PRO.MED.CS, Prague, 14100/4, Czech Rep.  
 SO Journal of Planar Chromatography--Modern TLC (1999), 12(2), 161-164  
 CODEN: JPCTE5; ISSN: 0933-4173  
 PB Research Institute for Medicinal Plants  
 DT Journal  
 LA English  
 AB A high performance TLC method for in-process control and content uniformity testing of IS-5-MN pharmaceuticals using a suitable internal standard was described. The method is rapid and cost effective.  
 CC 64-2 (Pharmaceutical Analysis)  
 IT 50679-08-8, Terfenadine  
 RL: ANT (Analyte); ARU (Analytical role, unclassified); ANST (Analytical study)  
 (internal standard; determination of isosorbide nitrate pharmaceuticals by high performance TLC)  
 IT 50679-08-8, Terfenadine  
 RL: ANT (Analyte); ARU (Analytical role, unclassified); ANST (Analytical study)  
 (internal standard; determination of isosorbide nitrate pharmaceuticals by high performance TLC)  
 RN 50679-08-8 HCPLUS  
 CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-(hydroxydiphenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 27 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 1999:58864 HCAPLUS

DN 130:100701

TI Soluble, gum-containing, coated chewable tablet  
IN Gergely, Gerhard; Gergely, Irmgard; Gergely, Thomas  
PA Dr. Gergely & Co., Austria  
SO Eur. Pat. Appl., 11 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 890358	A1	19990113	EP 1997-111783	19970710
	EP 890358	B1	20050209		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	AT 288742	E	20050215	AT 1997-111783	19970710
	ES 2236768	T3	20050716	ES 1997-111783	19970710
	CA 2295810	AA	19990121	CA 1998-2295810	19980603
	WO 9902137	A1	19990121	WO 1998-EP3306	19980603
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
PRAI	US 2003206948	A1	20031106	US 2003-407134	20030407
	US 6932979	B2	20050823		
	EP 1997-111783	A	19970710		
	WO 1998-EP3306	W	19980603		
	US 2000-479224	B1	20000107		

AB Coated chewable pharmaceutical tablets are provided which dissolve and release their active ingredients over a period of several minutes, leaving no residue. These tablets are prepared by mixing powdered chewable components (e.g. polysaccharide gums, dried sugar syrups, soluble cellulose derivs.) with liquid syrups (e.g. sugar, sugar alc., or gelatin syrups) and fatty or waxy components (e.g. beeswax, triglyceride fats, solid paraffin, ozocerite) to form a crumbly mass which is cooled to <0°, ground, compressed into tablets at <10°, and coated. The tablets have a moisture content of apprx. 4-7%; the moisture is immobilized by cooling, becomes mobile on heating during compression, and provides the required softness on contacting the water-soluble ingredients by converting them to a highly viscous, thixotropic, chewable mass. Thus, tablets were prepared

containing spray-dried gum arabic 16.50, glycerin 0.30, rice starch 7.80, dried glucose syrup 25.00, beeswax 0.95, hydrogenated coconut oil 5.60, liquid glucose syrup 35.95, aspartame 0.30, Maltrin M700 7.475, and salbutamol sulfate 0.125%.

IC ICM A61K009-20

ICS A23G003-02

CC 63-6 (Pharmaceuticals)  
 IT 58-56-0, Pyridoxine hydrochloride 58-85-5, Biotin 59-30-3, Folic acid, biological studies 65-86-1D, Orotic acid, chromium and manganese complexes 68-19-9, Cyanocobalamin 98-92-0, Nicotinamide 123-03-5, Cetylpyridinium chloride 130-40-5 137-08-6, Calcium D-pantothenate 522-51-0, Dequalinium chloride 523-87-5, Dimenhydrinate 532-43-4, Thiamine nitrate 557-34-6, Zinc acetate 616-91-1, N-Acetylcysteine 1406-18-4, Vitamin E 7440-66-6, Zinc, biological studies 7681-11-0, Potassium iodide, biological studies 14860-49-2, Clobutinol 18559-94-9, Salbutamol 51022-70-9, Salbutamol sulfate 79794-75-5, Loratadine 83881-51-0, Cetirizine  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

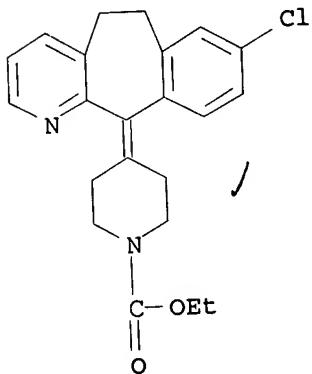
(gum-containing, coated chewable tablet)

IT 79794-75-5, Loratadine 83881-51-0, Cetirizine  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

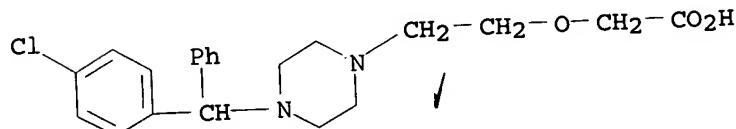
(gum-containing, coated chewable tablet)

RN 79794-75-5 HCPLUS

CN 1-Piperidinecarboxylic acid, 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)-, ethyl ester (9CI) (CA INDEX NAME)



RN 83881-51-0 HCPLUS  
 CN Acetic acid, [2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]- (9CI) (CA INDEX NAME)



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 28 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1999:44917 HCAPLUS  
 DN 130:100680  
 TI Urologic irrigation solution and method for inhibition of pain, inflammation and spasm  
 IN Demopoulos, Gregory A.; Pierce, Pamela A.; Herz, Jeffrey M.  
 PA Omeros Medical Systems, Inc., USA  
 SO U.S., 44 pp., Cont.-in-part of U.S. Ser. No. 353,775, abandoned.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5858017	A	19990112	US 1996-673171	19960626
	CA 2206119	AA	19960627	CA 1995-2206119	19951212
	CN 1175213	A	19980304	CN 1995-197538	19951212
	ES 2244966	T3	20051216	ES 1995-943396	19951212
	EP 1609477	A1	20051228	EP 2005-76510	19951212
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
	AU 9963076	A1	20000224	AU 1999-63076	19991203
	AU 752132	B2	20020905		
PRAI	US 1994-353775	B2	19941212		
	EP 1995-943396	A3	19951212		

AB Disclosed are method and solution for perioperatively inhibiting a variety of pain, inflammation and smooth muscle spasm processes resulting from urol. procedures. The solution preferably includes multiple pain and inflammation inhibitory agents and spasm inhibitory agents at dilute concentration in a physiol. carrier, such as saline or lactated Ringer's solution. The solution is introduced luminally to continuously irrigate a urol. structure during a procedure for preemptive inhibition of pain and inflammation and urol. smooth muscle spasm while avoiding undesirable side effects associated with oral, i.m., s.c. or i.v. application of larger doses of the agents. One preferred solution to inhibit pain, inflammation, and spasm includes a serotonin2 antagonist, a histamine1 antagonist, a cyclooxygenase inhibitor, a neurokinin2 antagonist, a purine2X antagonist, an ATP-sensitive K+ channel antagonist, a Ca2 channel antagonist, one or more nitric oxide donors, a bradykinin1 antagonist and a bradykinin2 antagonist.

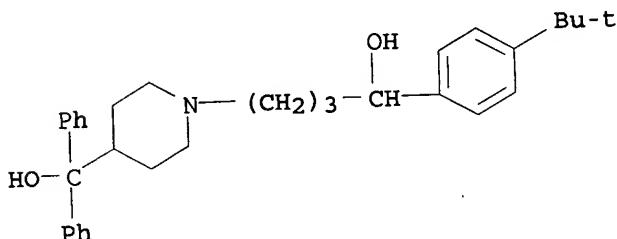
IC ICM A61K009-22  
 INCL 604890100  
 CC 63-6 (Pharmaceuticals)  
 Section cross-reference(s): 1  
 IT 10102-43-9, Nitric oxide, biological studies  
 RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 IT 50-48-6, Amitriptyline 59-33-6 146-48-5, Yohimbine 364-62-5, Metoclopramide 437-38-7, Fentanyl 9087-70-1, Aprotinin 19794-93-5, Trazadone 21829-25-4, Nifedipine 33876-97-0, SIN-1 50679-08-8, Terfenadine 60634-51-7, LY 53857 74103-06-3, Ketorolac 92454-60-9, FK-409 103628-46-2, Sumatriptan 113563-71-6, (-)-Pinacidil 128270-60-0, Hirulog 129623-01-4 133052-90-1, GF 109203x 136553-81-6, BQ123 138614-30-9, HOE 140 142001-63-6, SR 48968 146535-11-7, AG1296 149017-66-3, PPADS 162626-99-5, FR 144420 188627-80-7, Integrelin  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological

study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (urol. irrigation solution containing multiple receptor antagonists and agonists and enzyme inhibitors and activators for inhibition of pain and inflammation and spasm)

IT 50679-08-8, Terfenadine  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(urol. irrigation solution containing multiple receptor antagonists and agonists and enzyme inhibitors and activators for inhibition of pain and inflammation and spasm)

RN 50679-08-8 HCAPLUS  
 CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-(hydroxydiphenylmethyl)- (9CI) (CA INDEX NAME)



RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 29 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 1996:485816 HCAPLUS

DN 125:123722

TI Irrigation solution and method for inhibition of pain, inflammation and spasm

IN Demopoulos, Gregory A.; Pierce, Pamela Anne; Herz, Jeffrey M.

PA Omeros Medical Systems, Inc., USA

SO PCT Int. Appl., 59 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9619233	A2	19960627	WO 1995-US16028	19951212
	WO 9619233	A3	19960919		
	W: AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2206119	AA	19960627	CA 1995-2206119	19951212
	AU 9644673	A1	19960710	AU 1996-44673	19951212
	EP 799051	A2	19971008	EP 1995-943396	19951212
	EP 799051	B1	20050727		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
	CN 1175213	A	19980304	CN 1995-197538	19951212
	BR 9509985	A	19981103	BR 1995-9985	19951212

RU 2180852	C2	20020327	RU 1997-112158	19951212
AT 300308	E	20050815	AT 1995-943396	19951212
ES 2244966	T3	20051216	ES 1995-943396	19951212
EP 1609477	A1	20051228	EP 2005-76510	19951212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
CA 2240256	AA	19970619	CA 1996-2240256	19960626
WO 9721445	A1	19970619	WO 1996-US10954	19960626
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ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS,				
LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD,				
SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,				
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,				
MR, NE, SN, TD, TG				
AU 9663974	A1	19970703	AU 1996-63974	19960626
CN 1209066	A	19990224	CN 1996-199973	19960626
EP 910397	A1	19990428	EP 1996-923473	19960626
EP 910397	B1	20050302		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, FI				
JP 2000501729	T2	20000215	JP 1997-522011	19960626
AT 289822	E	20050315	AT 1996-923473	19960626
ES 2237770	T3	20050801	ES 1996-923473	19970611
NO 9702687	A	19970807	NO 1997-2687	19980504
US 6242447	B1	20010605	US 1998-72843	19980504
US 6261279	B1	20010717	US 1998-72913	19980702
US 6254585	B1	20010703	US 1998-109885	19980807
HK 1008983	A1	20050311	HK 1998-109777	19981022
US 6210394	B1	20010403	US 1998-177671	19990901
US 6413961	B1	20020702	US 1999-388837	19991203
AU 9963076	A1	20000224	AU 1999-63076	
AU 752132	B2	20020905		
US 6492332	B1	20021210	US 2000-658815	20000911
US 2001044616	A1	20011122	US 2001-837141	20010417
US 6420432	B2	20020716		
US 2002028798	A1	20020307	US 2001-839633	20010420
US 2003105126	A1	20030605	US 2002-180815	20020625
US 2003114355	A1	20030619	US 2002-195625	20020712
US 6645168	B2	20031111		
US 2003195461	A1	20031016	US 2002-288997	20021106
US 2004127884	A1	20040701	US 2003-674290	20030929
US 2004214854	A1	20041028	US 2004-760639	20040120
NO 2005005445	A	19970807	NO 2005-5445	20051117
PRAI US 1994-353775	A	19941212		
EP 1995-943396	A3	19951212		
WO 1995-US16028	W	19951212		
US 1996-670699	A1	19960626		
WO 1996-US10954	W	19960626		
US 1998-72913	A2	19980504		
US 1998-109885	A1	19980702		
US 1998-98977P	P	19980902		
US 1998-105026P	P	19981020		
US 1998-105029P	P	19981020		
US 1998-105044P	P	19981020		
US 1998-105166P	P	19981021		
US 1998-107256P	P	19981105		
US 1999-388837	A1	19990901		
WO 1999-US24557	A2	19991020		
WO 1999-US24558	A2	19991020		
WO 1999-US24625	A2	19991020		

WO 1999-US24672	A2	19991020
US 1999-162416P	P	19991028
WO 1999-US26330	A2	19991105
US 2000-658815	A1	20000911
US 2001-837141	A1	20010417
US 2002-195625	A1	20020712
US 2003-674290	A1	20030929

AB A method and a solution for perioperatively inhibiting a variety of pain and inflammation and spasm processes at a wound, are provided. The solution includes multiple pain and inflammation inhibitory agents and spasm inhibitory agents at dilute concentration in a physiol. base, such as saline or lactated Ringer's solution. Depending on the application, the solution may include: (1) serotonin receptor antagonists; (2) serotonin receptor agonists; (3) histamine receptor antagonists; (4) bradykinin receptor antagonists; (5) kallikrein inhibitors; (6) tachykinin receptor antagonists, including neurokinin1 and neurokinin2 receptor subtype antagonists; (7) calcitonin gene-related peptide receptor antagonists; (8) interleukin receptor antagonists; (9) inhibitors of enzymes active in the synthetic pathway for arachidonic acid metabolites, including (a) phospholipase inhibitors, including PLA2 isoform and PLC $\gamma$  isoform inhibitors, (b) cyclooxygenase inhibitors, and (c) lipoxygenase inhibitors; (10) prostanoid receptor antagonists including eicosanoid EP-1 and EP-2 receptor subtype antagonists and thromboxane receptor subtype antagonists; (11) leukotriene receptor antagonists including leukotriene B4 and D4 receptor subtype antagonists; (12) opioid receptor agonists, including  $\mu$ -opiate,  $\delta$ -opiate, and  $\kappa$ -opiate receptor subtype antagonists; (13) purinoceptor agonists and antagonists including gP2x receptor antagonists and P2y receptor agonists; (14) ATP-sensitive potassium channel openers; and (15) calcium channel antagonists. Suitable anti-inflammatory/anti-pain agents which also act as anti-spasm agents include serotonin receptor antagonists, tachykinin receptor antagonists, ATP-sensitive potassium channel openers and calcium channel antagonists. Other agents which may be utilized in the solution specifically for their anti-spasm properties including endothelin receptor antagonists and the nitric oxide donors (enzyme activators). The solution is used to continuously irrigate a wound during an operative/interventional procedure for preemptive inhibition of pain and inflammation, as well as vascular and smooth muscle spasm, while avoiding undesirable side effects associated with oral, i.m. or i.v. application of larger doses of the agents. The solution is useful for arthroscopic, intravascular and urol. procedures, as well as for application to burns, and intra- and postoperative application to surgical wounds.

IC ICM A61K038-08  
ICS A61K031-675

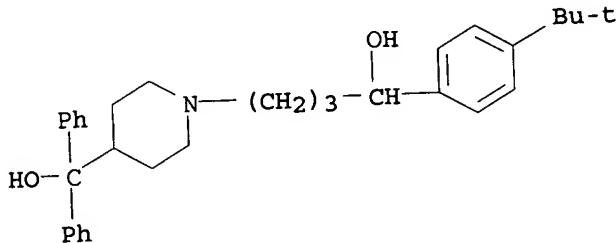
CC 63-6 (Pharmaceuticals)

IT 10102-43-9, Nitric oxide, biological studies  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(donors; irrigation solution for inhibition of pain and inflammation and spasm)

IT 50-48-6, Amitriptyline 146-48-5, Yohimbine 364-62-5, Metoclopramide 9087-70-1, Aprotinin 19794-93-5, Trazodone 21829-25-4, Nifedipine 33876-97-0, SIN-1 50679-08-8, Terfenadine 60634-51-7, LY 53857 63675-72-9, Nisoldipine 74103-06-3, Ketorolac 103628-46-2, Sumatriptan 113563-71-6, (-)-Pinacidil 129623-01-4, GR 82334 136553-81-6, BQ 123 142001-63-6, SR-48968 149017-66-3, PPADS  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(irrigation solution for inhibition of pain and inflammation and spasm)

IT 50679-08-8, Terfenadine  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(irrigation solution for inhibition of pain and inflammation and spasm)

RN 50679-08-8 HCAPLUS  
 CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-(hydroxydiphenylmethyl)- (9CI) (CA INDEX NAME)



L39 ANSWER 30 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1995:995524 HCAPLUS

DN 124:66587  
 TI Pharmaceutical compositions for inactivating irritants in fluids containing antimicrobial agents  
 IN Modak, Shanta M.; Sampath, Lester A.; Advani, Balram H.  
 PA Trustees of Columbia University in the City of New York, USA  
 SO PCT Int. Appl., 67 pp.  
 CODEN: PIXXD2

DT Patent  
 LA English

FAN.CNT 2		KIND	DATE	APPLICATION NO.	DATE
	PATENT NO.				
PI	WO 9526134	A1	19951005	WO 1995-US3744	19950328
	W: AU, CA, JP, KR, MX, US RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE			CA 1995-2184828	19950328
	CA 2184828	AA	19951005	AU 1995-21955	19950328
	AU 9521955	A1	19951017		
	AU 703926	B2	19990401		
	ZA 9502521	A	19960315	ZA 1995-2521	19950328
	EP 788305	A1	19970813	EP 1995-914878	19950328
	EP 788305	B1	20041103		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	JP 09510976	T2	19971104	JP 1995-525241	19950328
	AT 281075	E	20041115	AT 1995-914878	19950328
	US 5708023	A	19980113	US 1995-492080	19950628
	AU 9936897	A1	19990826	AU 1999-36897	19990630
PRAI	US 1994-218666	A	19940328		
	AU 1995-21955	A3	19950328		
	WO 1995-US3744	W	19950328		

AB A composition for applying to a surface such as skin or medical equipment comprises an irritant-inactivating agent such as an antimicrobial agent, and a substance which substantially prevents the irritant-inactivating agent from binding to the surface. A suspension of 12% corn starch and 4% chlorhexidine gluconate stirred for 24h at 28-30°, then centrifuged, washed, and dried at 100° for 2 h. The above mixture was suspended in water at a concentration of 20% and tested against *Staphylococcus aureus*. The composition inactivated the microbial pathogen within 2 min upon fluid contact.

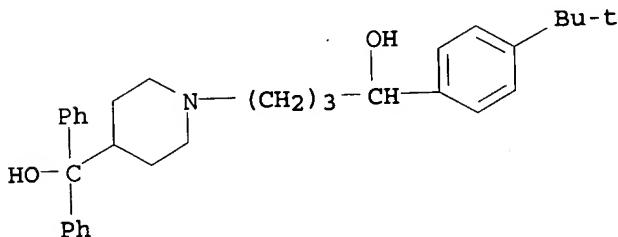
IC ICM A01N025-32  
 CC 63-6 (Pharmaceuticals)  
 Section cross-reference(s): 1  
 IT 50-02-2, Dexamethasone 50-23-7, Hydrocortisone 52-51-7, Bronopol

53-06-5, Cortisone 53-36-1, Methylprednisolone acetate 54-64-8,  
 Thimerosal 55-56-1, Chlorhexidine 56-95-1, Chlorhexidine diacetate  
 57-15-8, Chlorbutanol 58-73-1, Diphenhydramine 59-33-6 59-50-7,  
 Chlorocresol 60-12-8, Phenylethyl alcohol 60-87-7, Promethazine  
 64-17-5, Ethanol, biological studies 65-85-0, Benzoic acid, biological  
 studies 67-73-2, Fluocinolone acetonide 68-88-2, Hydroxyzine  
 69-72-7, biological studies 76-25-5, Triamcinolone acetonide 79-09-4,  
 Propanoic acid, biological studies 82-92-8, Cyclizine 86-22-6,  
 Brompheniramine 88-04-0, Chloroxylenol 89-57-6, Mesalamine 91-81-6,  
 Tripelennamine 94-13-3, Propyl paraben 94-26-8, Butyl paraben  
 94-36-0, Benzoyl peroxide, biological studies 99-76-3, Methyl paraben  
 100-51-6, Benzenemethanol, biological studies 107-15-3,  
 1,2-Ethanediamine, biological studies 110-44-1, Sorbic acid 113-92-8  
 114-07-8, Erythromycin 119-36-8, Methyl salicylate 120-47-8, Ethyl  
 paraben 122-99-6, Phenoxyethanol 124-94-7, Triamcinolone 356-12-7,  
 Fluocinonide 382-67-2, Desoximetasone 471-34-1, Calcium Carbonate,  
 biological studies 486-16-8, Carbinoxamine 513-77-9, Barium carbonate  
 520-45-6, Dehydroacetic acid 522-51-0, Dequalinium chloride 523-87-5,  
 Dimenhydrinate 533-51-7, Silver oxalate 534-16-7, Silver carbonate  
 546-93-0, Magnesium Carbonate 557-04-0, Magnesium stearate 557-34-6,  
 Zinc acetate 563-63-3, Silver acetate 569-65-3, Meclizine 638-94-8,  
 Desonide 1335-30-4, Aluminum silicate 1404-04-2, Neomycin 1404-26-8,  
 Polymyxin b 1405-87-4, Bacitracin 1524-88-5, Flurandrenolide  
 1777-82-8, 2,4-Dichlorobenzyl alcohol 2152-44-5 2392-39-4,  
 Dexamethasone Sodium phosphate 3093-35-4, Halcinonide 3380-34-5,  
 Triclosan 3507-99-1, Silver stearate 3508-01-8, Silver palmitate  
 3697-42-5, Chlorhexidine dihydrochloride 4428-95-9, Foscarnet  
 4468-02-4, Zinc Gluconate 5593-20-4, Betamethasone dipropionate  
 7028-40-2, Tetraacetic acid 7173-51-5, Didecyldimethylammonium chloride  
 7553-56-2, Iodine, biological studies 7727-43-7, Barium sulfate  
 7733-02-0, Zinc sulfate 7761-88-8, Silver Nitrate, biological  
 studies 7778-18-9, Calcium sulfate 7783-96-2, Silver Iodide  
 7783-97-3, Silver iodate 7784-09-0, Silver phosphate 8044-71-1,  
 Cetrimide 9001-62-1, Lipase 9001-92-7, Protease 9002-84-0, Teflon  
 9002-86-2, Polyvinyl chloride 9004-54-0, Dextran, biological studies  
 9004-57-3, Ethyl cellulose 9004-61-9, Hyaluronic acid 9004-62-0,  
 Hydroxyethyl cellulose 9004-67-5, Methyl cellulose 9005-25-8, Starch,  
 biological studies 9033-06-1, Glucosidase 9042-14-2, Dextran sulfate  
 10103-46-5, Calcium Phosphate 10294-26-5, Silver sulfate 12650-69-0,  
 Mupirocin 13463-67-7, Titanium oxide, biological studies 15768-18-0,  
 Silver lactate 16283-36-6, Zinc salicylate 18323-44-9, Clindamycin  
 18472-51-0, Chlorhexidine digluconate 20667-12-3, Silver oxide  
 22199-08-2, Silver sulfadiazine 22298-29-9, Betamethasone benzoate  
 22916-47-8, Miconazole 25122-46-7, Clobetasol propionate 25322-68-3  
 26009-03-0, Polyglycolic acid 26023-30-3, Poly[oxy(1-methyl-2-oxo-1,2-  
 ethanediyl)] 26100-51-6, Polylactic acid 26124-68-5, Polyglycolic acid  
 33564-31-7, Diflorasone diacetate 34097-16-0, Clocortolone pivalate  
 41748-43-0, Chlorhexidine sulfate 50679-08-8, Terfenadine  
 51022-69-6, Amcinonide 51903-49-2, Chlorhexidine di lactate  
 65277-42-1, Ketoconazole 66734-13-2, Alclometasone dipropionate  
 68844-77-9, Astemizole 72099-47-9 72099-48-0 72099-49-1,  
 Chlorhexidine dinitrate 72099-51-5 72099-52-6 72099-53-7  
 72099-54-8 72099-55-9, Chlorhexidine Diformate 72099-56-0,  
 Chlorhexidine dipropionate 72099-58-2, Chlorhexidine divalerate  
 72099-59-3, Chlorhexidine dicaproate 72099-60-6 72099-61-7  
 72099-63-9, Chlorhexidine tartrate 72099-64-0, Chlorhexidine  
 monoglycolate 72099-65-1 72099-67-3, Chlorhexidine dibenzoate  
 72099-68-4, Chlorhexidine dicinnamate 72099-69-5 72099-70-8,  
 Chlorhexidine di-Isophthalate 72099-71-9 72099-72-0 72150-70-0  
 77146-42-0, Chlorhexidine diphosphanilate 83919-23-7, Mometasone Furoate

84625-61-6, Itraconazole 86386-73-4, Fluconazole 171773-45-8  
 171773-46-9 172229-41-3  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (pharmaceutical compns. for inactivating irritants in fluids containing  
 antimicrobial agents)

IT 50679-08-8, Terfenadine  
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (pharmaceutical compns. for inactivating irritants in fluids containing  
 antimicrobial agents)

RN 50679-08-8 HCAPLUS  
 CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-  
 (hydroxydiphenylmethyl)- (9CI) (CA INDEX NAME)



L39 ANSWER 31 OF 31 HCAPLUS COPYRIGHT 2006 ACS on STN

AN 1994:116847 HCAPLUS

DN 120:116847

TI Biodegradable controlled release melt-spun delivery system

IN Fuisz, Richard C.

PA Fuisz Technologies, Ltd., USA

SO PCT Int. Appl., 45 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

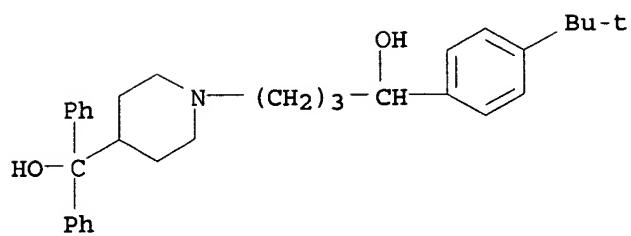
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9324154	A1	19931209	WO 1993-US5307	19930602
	W: AU, CA, HU, JP, KR, PL, US RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5518730	A	19960521	US 1992-893238	19920603
	AU 9344058	A1	19931230	AU 1993-44058	19930602
	AU 665844	B2	19960118		
	JP 07507548	T2	19950824	JP 1994-500877	19930602
	EP 746342	A1	19961211	EP 1993-914373	19930602
	EP 746342	B1	20020814		
	R: BE, CH, DE, DK, FR, GB, IE, IT, LI, LU, NL, SE				
PRAI	US 1992-893238	A2	19920603		
	WO 1993-US5307	A	19930602		
AB	Biodegradable controlled-release delivery systems using melt-spun biodegradable polymers as carriers for bio-effecting agents such as pharmaceutical actives are disclosed. Oral dose forms as well as implants are described. For example, polyglycolide was melt-spun in combination with various drugs such as vancomycin, gentamicin, tolmetin, diphenhydramine, ibuprofen, and insulin and controlled drug release was demonstrated.				
IC	ICM A61L015-62				
	ICS A61K009-70; A61K047-30				
CC	63-6 (Pharmaceuticals)				

IT 50-03-3, Hydrocortisone acetate 50-06-6, biological studies 50-13-5,  
 Meperidine hydrochloride 50-21-5, Lactic acid, biological studies  
 50-23-7, Hydrocortisone 50-78-2, Acetylsalicylic acid 50-81-7, Vitamin  
 C, biological studies 51-42-3, Epinephrine bitartrate 51-98-9,  
 Norethindrone acetate 52-28-8, Codeine phosphate 53-86-1, Indomethacin  
 54-11-5, Nicotine 54-31-9, Furosemide 55-63-0 56-75-7,  
 Chloramphenicol 56-81-5, 1,2,3-Propanetriol, biological studies  
 57-27-2, Morphine, biological studies 57-33-0, Pentobarbital sodium  
 57-41-0, Phenytoin 57-63-6, Ethinyl estradiol 58-08-2, biological  
 studies 58-55-9, Theophylline, biological studies 58-85-5, Biotin  
 58-93-5, Hydrochlorothiazide 59-30-3, Folic acid, biological studies  
 59-67-6, Niacin, biological studies 61-68-7, Mefenamic acid 61-76-7,  
 Phenylephrine hydrochloride 64-17-5, Ethanol, biological studies  
 64-19-7, Acetic acid, biological studies 64-75-5, Tetracycline  
 hydrochloride 65-23-6, Pyridoxine 65-85-0, Benzoic acid, biological  
 studies 67-63-0, Isopropanol, biological studies 68-04-2, Sodium  
 citrate 68-19-9, Cyanocobalamin 68-22-4, Norethindrone 69-53-4,  
 Ampicillin 69-72-7, biological studies 71-58-9, Medroxyprogesterone  
 acetate 73-78-9, Lidocaine hydrochloride 76-22-2, Camphor 76-49-3,  
 Bornyl acetate 76-57-3, Codeine 77-09-8, Phenolphthalein 77-41-8,  
 Methsuximide 77-92-9, biological studies 78-11-5, Pentaerythritol  
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 Guaiifenesin 93-60-7, Methyl nicotinate 94-09-7, Benzocaine 94-36-0,  
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 1,3-Benzenediol, biological studies 108-95-2, Phenol, biological studies  
 112-38-9, Undecylenic acid 113-92-8, Chlorpheniramine maleate  
 114-07-8, Erythromycin 115-67-3, Paramethadione 117-10-2, Danthron  
 119-36-8, Methyl salicylate 119-61-9, Benzophenone, biological studies  
 123-03-5, Cetylpyridinium chloride 125-69-9, Dextromethorphan  
 hydrobromide 126-07-8, Griseofulvin 128-49-4, Docusate calcium  
 131-53-3, Dioxybenzone 131-57-7, Oxybenzone 132-20-7, Pheniramine  
 maleate 136-77-6, Hexylresorcinol 137-58-6, Lidocaine 139-12-8,  
 Aluminum acetate 140-65-8, Pramoxine 141-01-5, Ferrous fumarate  
 143-71-5, Hydrocodone bitartrate 144-55-8, Sodium bicarbonate,  
 biological studies 147-24-0, Diphenhydramine hydrochloride 150-13-0,  
 PABA 152-11-4, Verapamil hydrochloride 152-43-2, Quinestrol  
 154-41-6, Phenylpropanolamine hydrochloride 156-51-4, Phenelzine sulfate  
 299-29-6, Ferrous gluconate 299-42-3, Ephedrine 302-79-4, Tretinoin  
 303-25-3, Cyclizine hydrochloride 318-98-9, Propranolol hydrochloride  
 321-64-2, Tacrine 345-78-8, Pseudoephedrine hydrochloride 439-14-5,  
 Diazepam 443-48-1, Metronidazole 469-62-5, Propoxyphene 470-82-6,  
 Eucalyptol 471-34-1, Calcium carbonate, biological studies 546-93-0,  
 Magnesium carbonate 550-70-9, Triprolidine hydrochloride 557-08-4,  
 Zinc undecylenate 562-10-7, Doxylamine succinate 577-11-7, Docusate  
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 Procainamide hydrochloride 637-58-1, Pramoxine hydrochloride 644-62-2,  
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 Vitamin D 1406-18-4, Vitamin E 1490-04-6, Menthol 1639-60-7,  
 Propoxyphen hydrochloride 1684-40-8, Tacrine hydrochloride 2391-03-9,  
 Dexbrompheniramine maleate 2398-96-1, Tolnaftate 2955-38-6, Prazepam  
 3380-34-5, Triclosan 3819-18-9, 8-Hydroxyquinoline sulfate 4205-90-7,  
 Clonidine 4205-91-8, Clonidine hydrochloride 4499-40-5, Oxtriphylline

5534-09-8, Beclomethasone dipropionate 5874-97-5, Metaproterenol sulfate 6385-02-0, Sodium meclofenamate 6740-88-1, Ketamine 7054-25-3, Quinidine gluconate 7280-37-7, Estropipate 7439-89-6, Iron, biological studies 7440-66-6, Zinc, biological studies 7440-70-2, Calcium, biological studies 7447-40-7, Potassium chloride (KCl), biological studies 7460-12-0, Pseudoephedrine sulfate 7491-09-0, Docusate potassium 7553-56-2, Iodine, biological studies 7681-49-4, Sodium fluoride, biological studies 7704-34-9, Sulfur, biological studies 7720-78-7, Ferrous sulfate 7733-02-0, Zinc sulfate 7757-79-1, Potassium nitrate, biological studies 8011-96-9, Calamine 8050-81-5, Simethicone 8065-29-0, Liotrix 9004-10-8, Insulin, biological studies 9004-67-5, Methyl cellulose 9006-65-9, Dimethicone 9036-19-5, Octoxynol 10163-15-2, Sodium monofluorophosphate 11041-12-6, Cholestyramine resin 11096-26-7, Erythropoietin 11099-07-3, Glyceryl stearate 11103-57-4, Vitamin A 12001-76-2, Vitamin B 12001-79-5, Vitamin K 14362-31-3, Chlorcyclizine hydrochloride 14455-29-9, Aluminum carbonate 14698-29-4, Oxolinic acid 14838-15-4, Phenylpropanolamine 14987-04-3, Magnesium trisilicate 15307-79-6, Diclofenac sodium 15686-71-2, Cephalexin 15687-27-1, Ibuprofen 17140-78-2, Propoxyphene napsylate 18472-51-0, Chlorhexidine gluconate 18559-94-9, Albuterol 18917-89-0, Magnesium salicylate 20830-75-5, Digoxin 21245-02-3, Padimate o 21645-51-2, Aluminum hydroxide, biological studies 21829-25-4 22204-53-1 22832-87-7, Miconazole nitrate 22839-47-0, Aspartame 24390-14-5, Doxycycline hyclate 25441-16-1 25812-30-0, Gemfibrozil 26027-38-3, Nonoxynol-9 26100-51-6, Polylactic acid 26159-34-2, Naproxen sodium 26171-23-3, Tolmetin 26787-78-0, Amoxicillin 26921-17-5, Timolol maleate 28911-01-5, Triazolam 28981-97-7, Alprazolam 29094-61-9, Glipizide 29122-68-7, Atenolol 29984-33-6, Vidarabine phosphate 30837-62-8, Thioperimidone 34552-84-6, Isoxicam 36322-90-4, Piroxicam 36505-84-7, Buspirone 36653-82-4, Cetyl alcohol 38304-91-5, Minoxidil 42399-41-7 50370-12-2, Cefadroxil 50679-08-8, Terfenadine 51022-70-9, Albuterol sulfate 51264-14-3, Amsacrine 53910-25-1, Pentostatin 53994-73-3, Cefaclor 56296-78-7, Fluoxetine hydrochloride 56392-17-7, Metoprolol tartrate 58817-05-3, Octyl dimethyl PABA 59729-33-8, Citalopram 60142-96-3, Gabapentin 62571-86-2, Captopril 66357-35-5, Ranitidine 68252-19-7, Pirmenol 68497-62-1, Pramiracetam 69198-10-3 70059-30-2, Cimetidine hydrochloride 72332-33-3, Procaterol 73590-58-6, Omeprazole 74011-58-8, Enoxacin 75330-75-5, Lovastatin 75847-73-3, Enalapril 76547-98-3, Lisinopril 85441-61-8, Quinapril 88637-37-0, Diphenhydramine citrate 89197-32-0, Efroxan  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(controlled-release pharmaceuticals formed by flash-flow melt-spinning containing, biodegradable polymers as carriers in)

IT 50679-08-8, Terfenadine  
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(controlled-release pharmaceuticals formed by flash-flow melt-spinning containing, biodegradable polymers as carriers in)

RN 50679-08-8 HCPLUS  
CN 1-Piperidinebutanol,  $\alpha$ -[4-(1,1-dimethylethyl)phenyl]-4-(hydroxydiphenylmethyl)- (9CI) (CA INDEX NAME)



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